

FIG. 1A

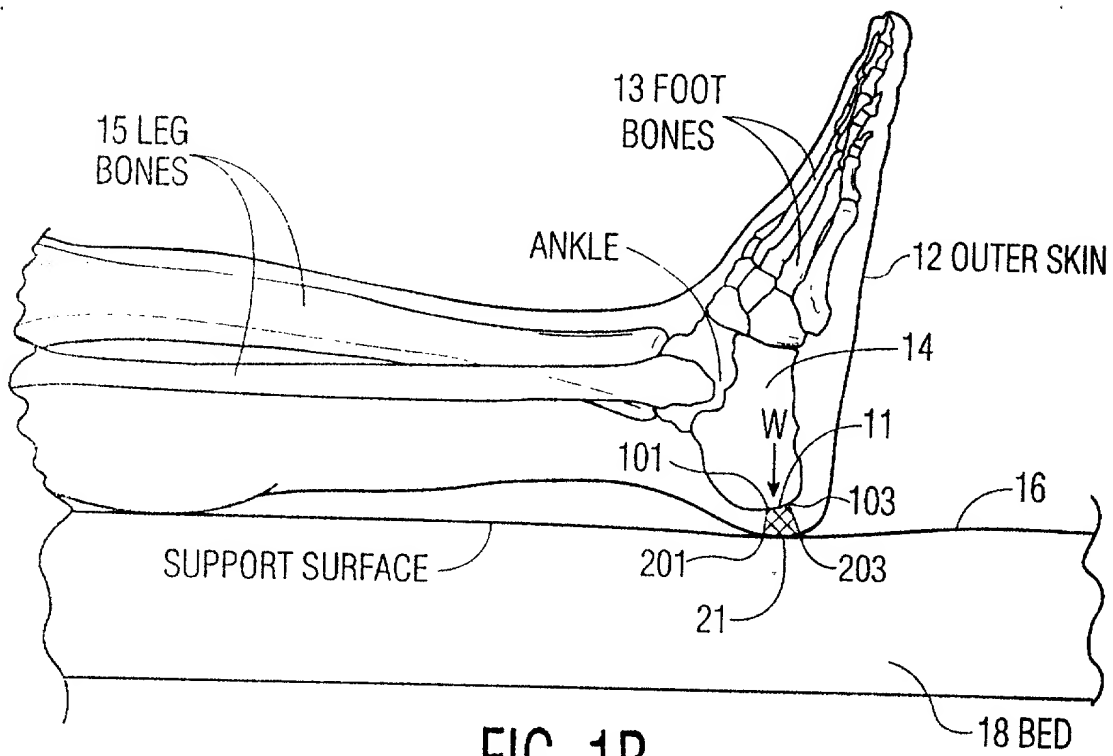


FIG. 1B

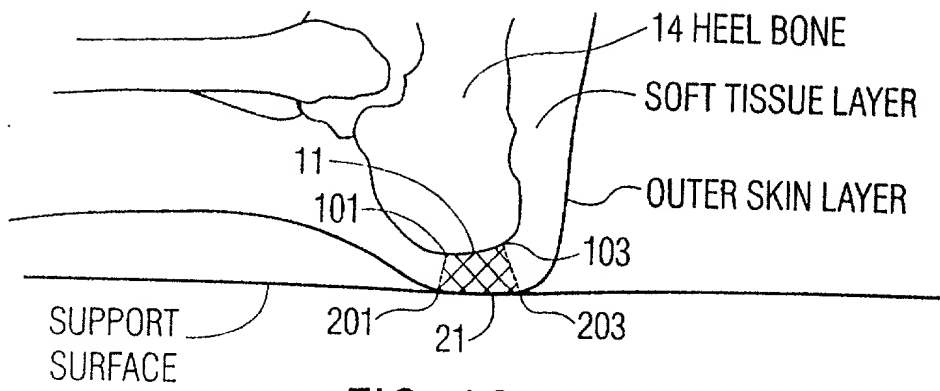


FIG. 1C

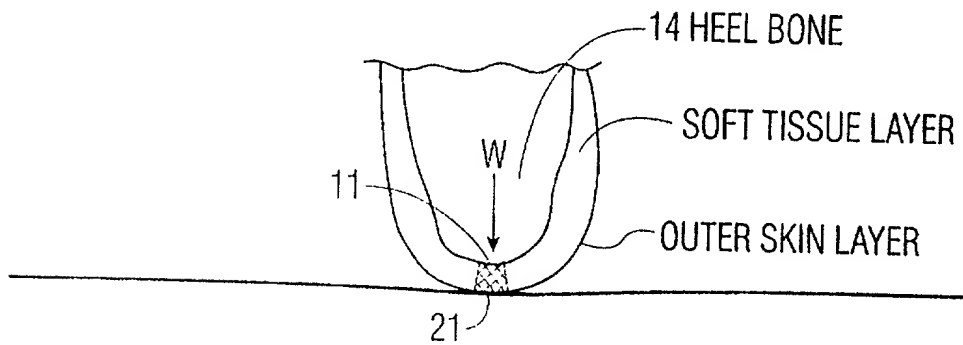


FIG. 1D

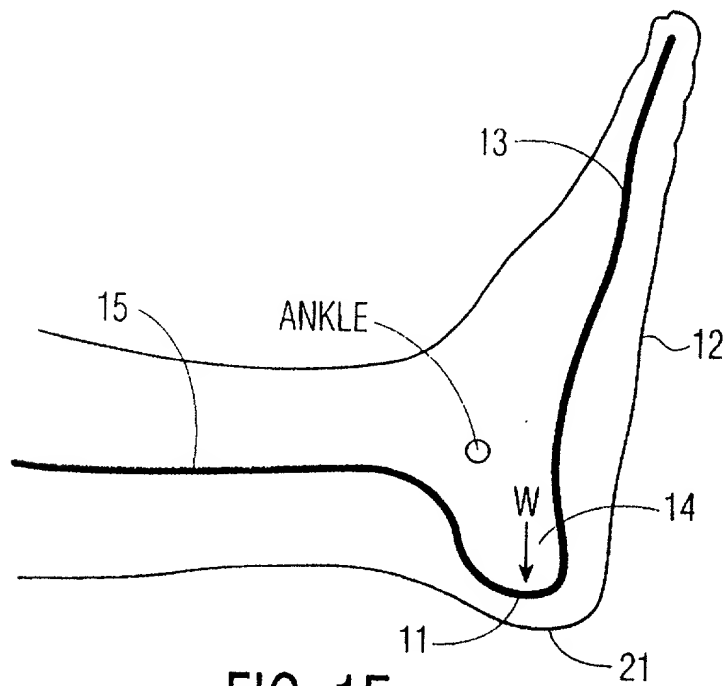


FIG. 1E



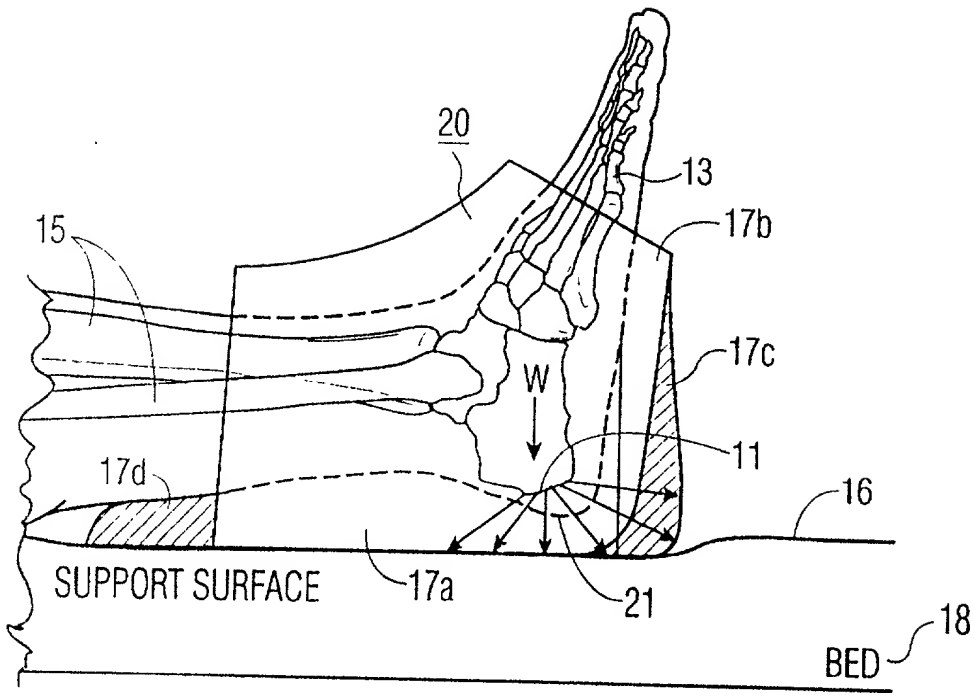


FIG. 3A

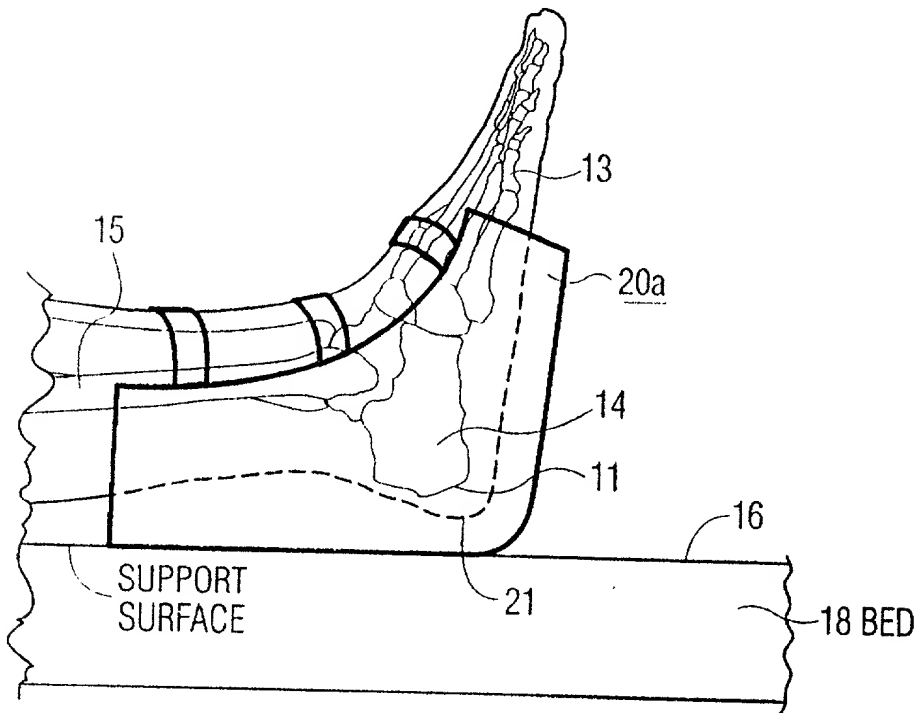


FIG. 4

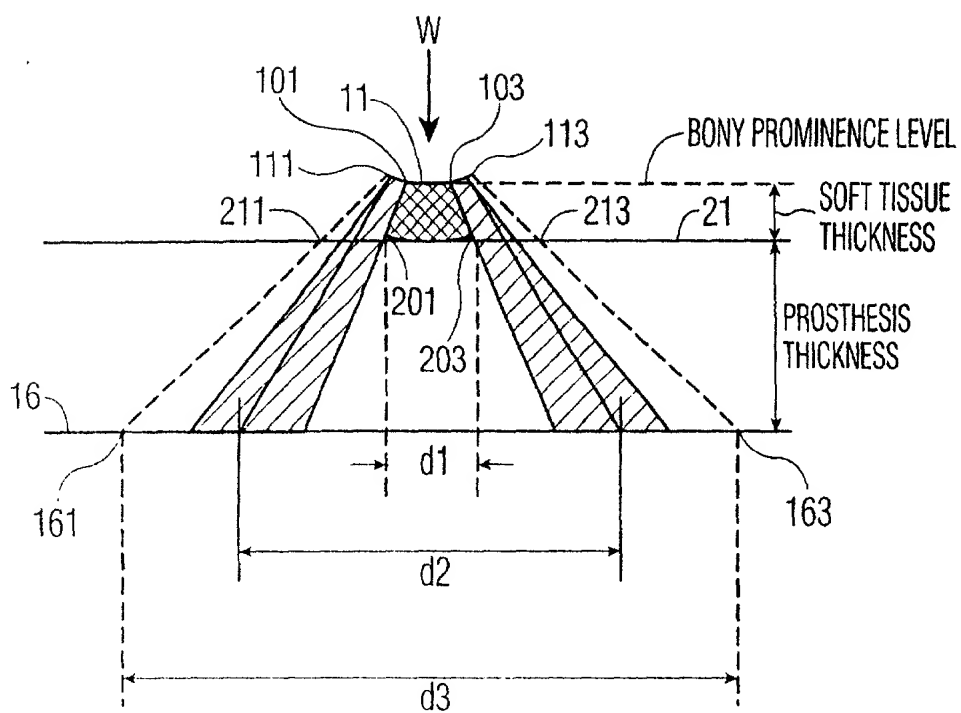


FIG. 3B

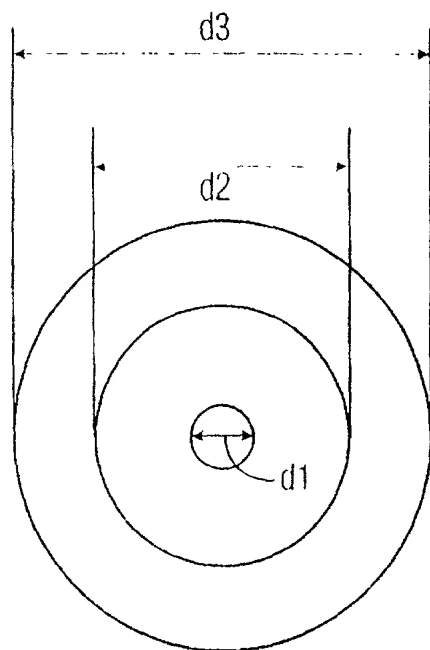


FIG. 3C

FIG. 5a

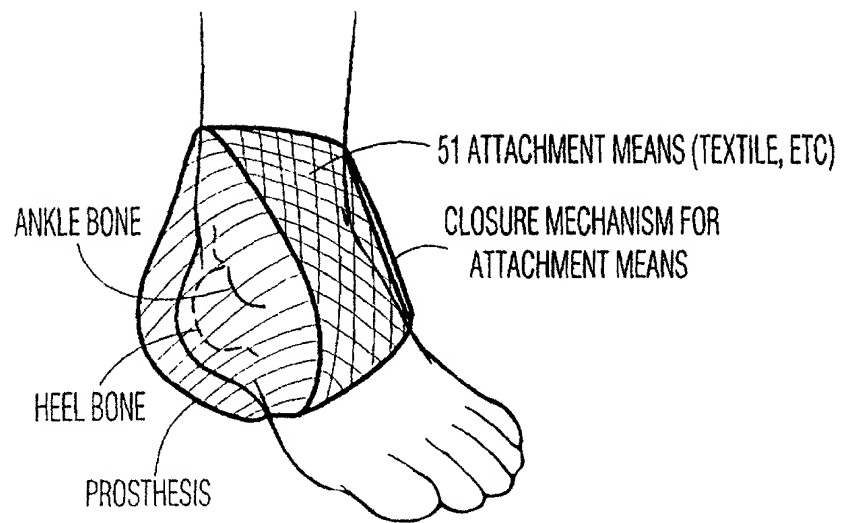


FIG. 5b

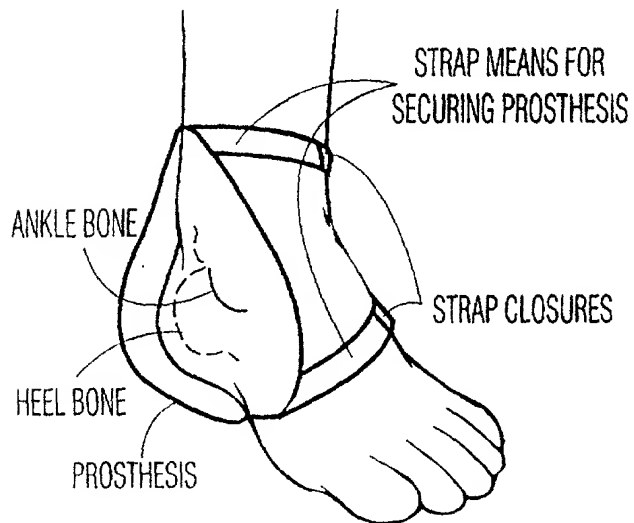
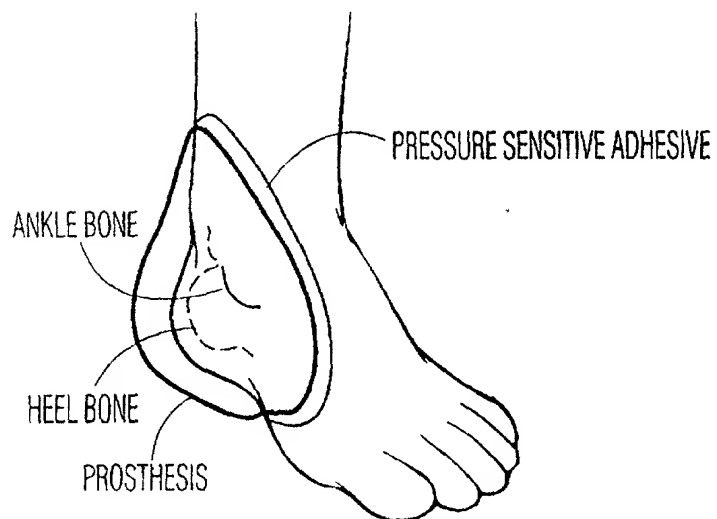


FIG. 5c



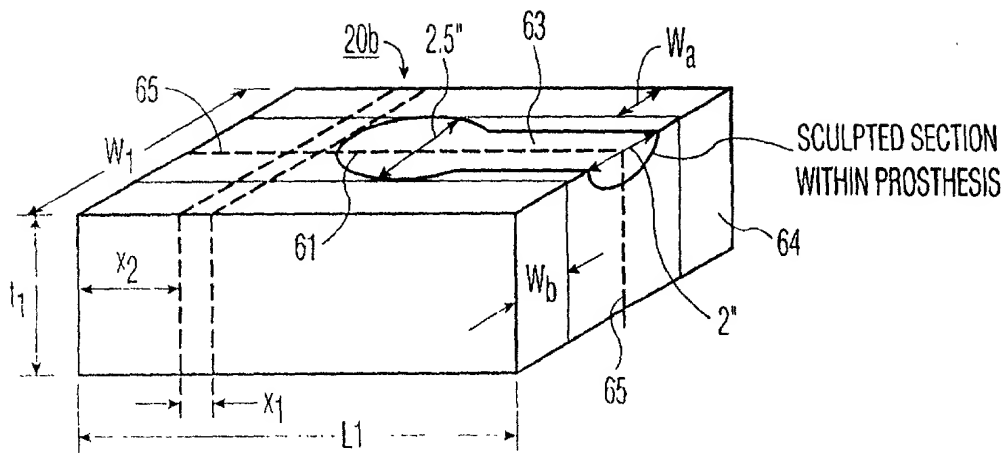


FIG. 6A

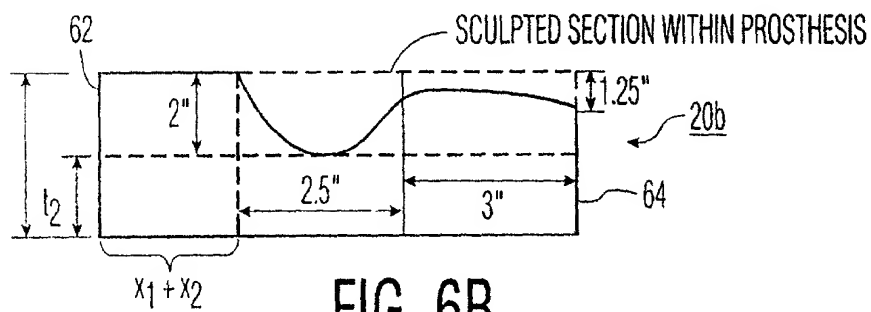


FIG. 6B

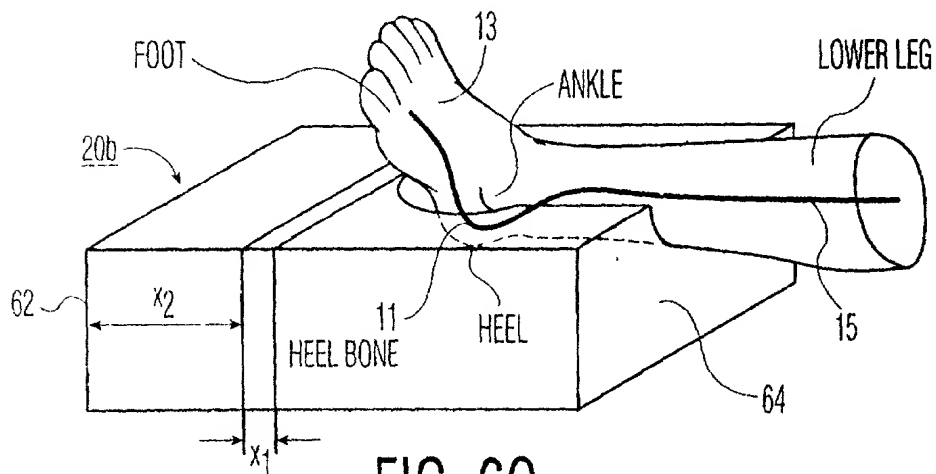


FIG. 6C

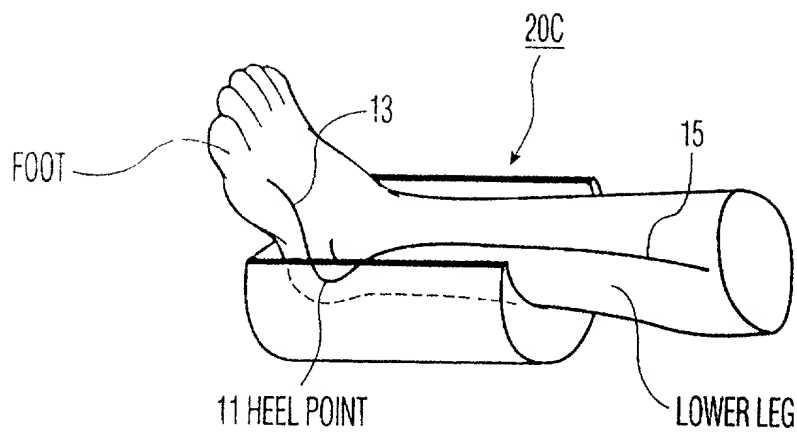


FIG. 6D

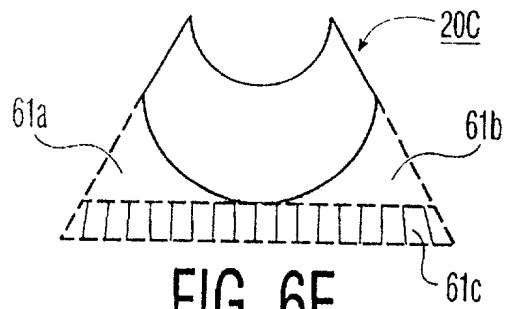


FIG. 6E



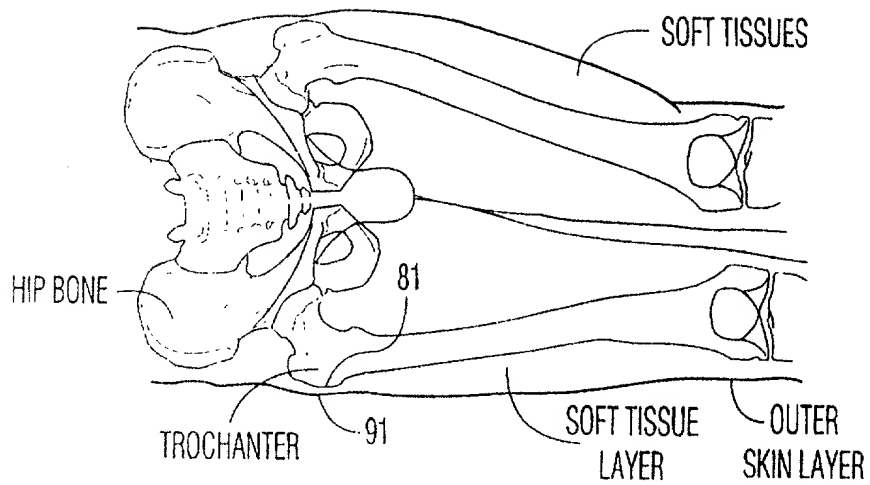


FIG. 7A

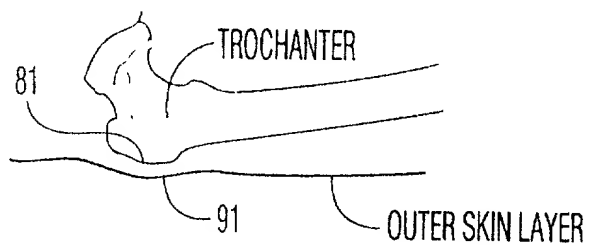


FIG. 7B

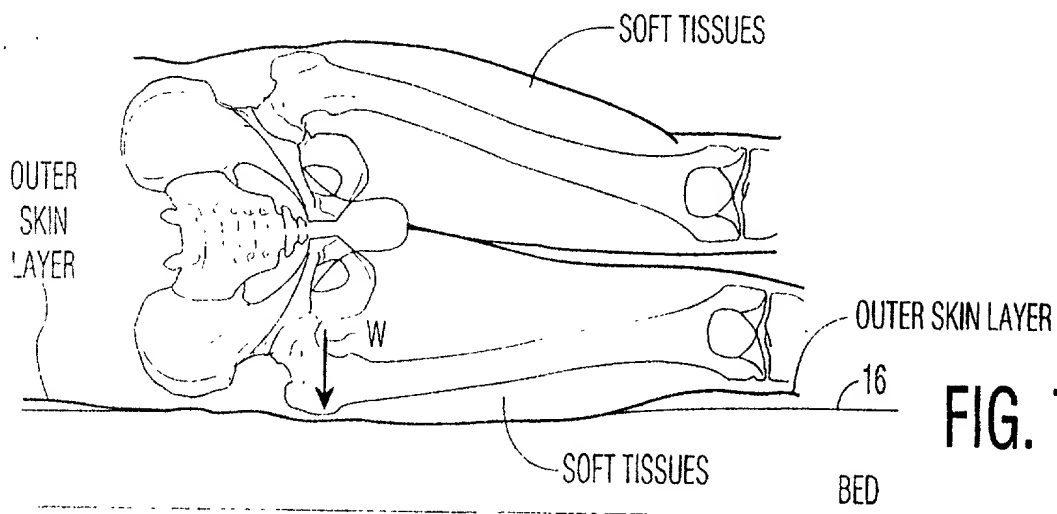


FIG. 7C

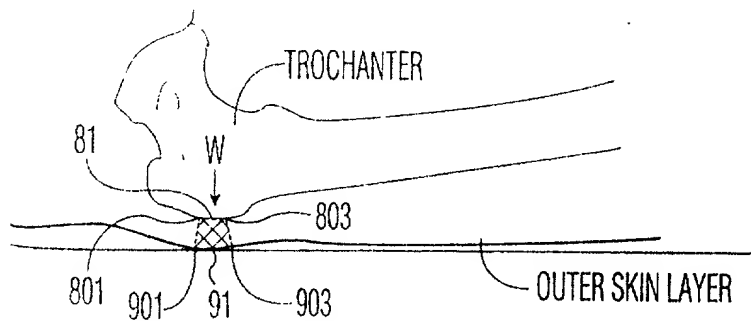


FIG. 7D

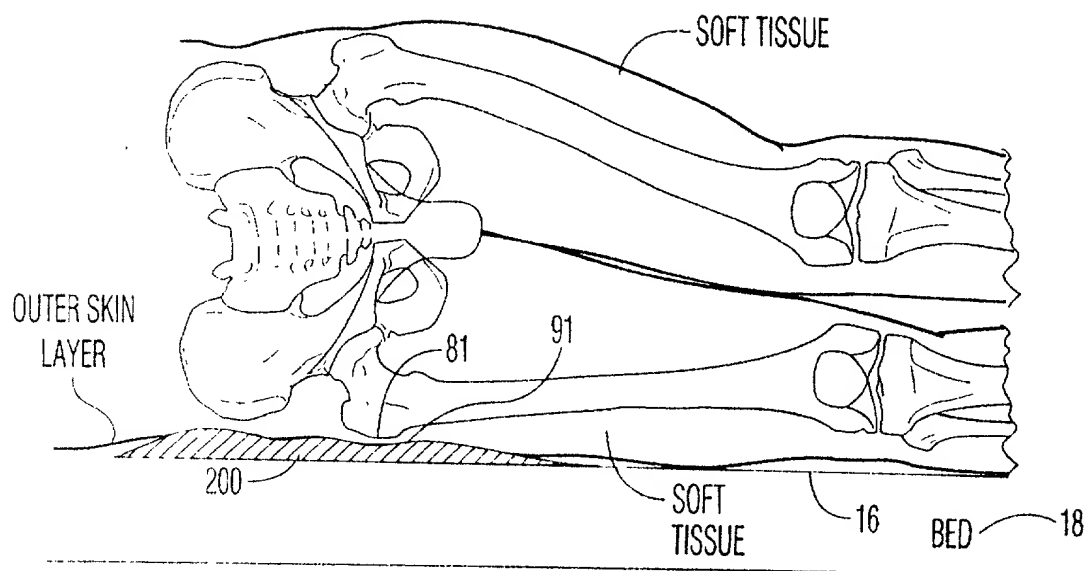


FIG. 7E

FIG. 7F

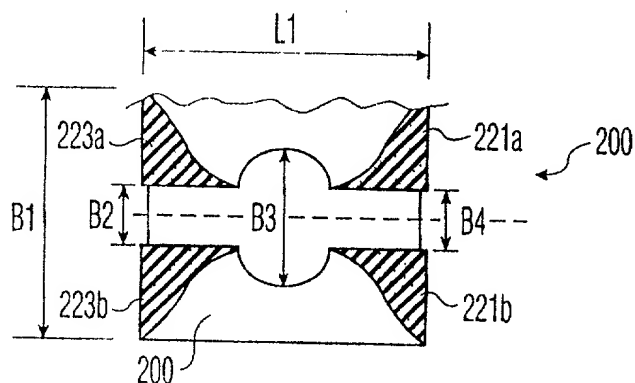


FIG. 7G

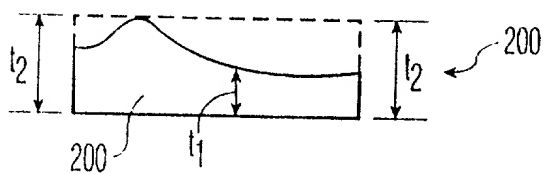


FIG. 7H

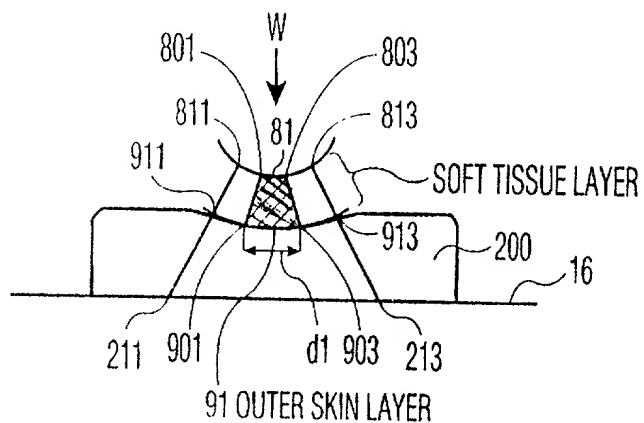




FIG. 7K

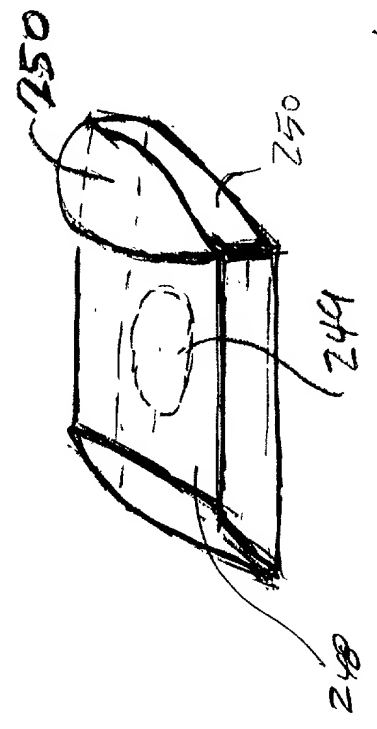


FIG. 7J

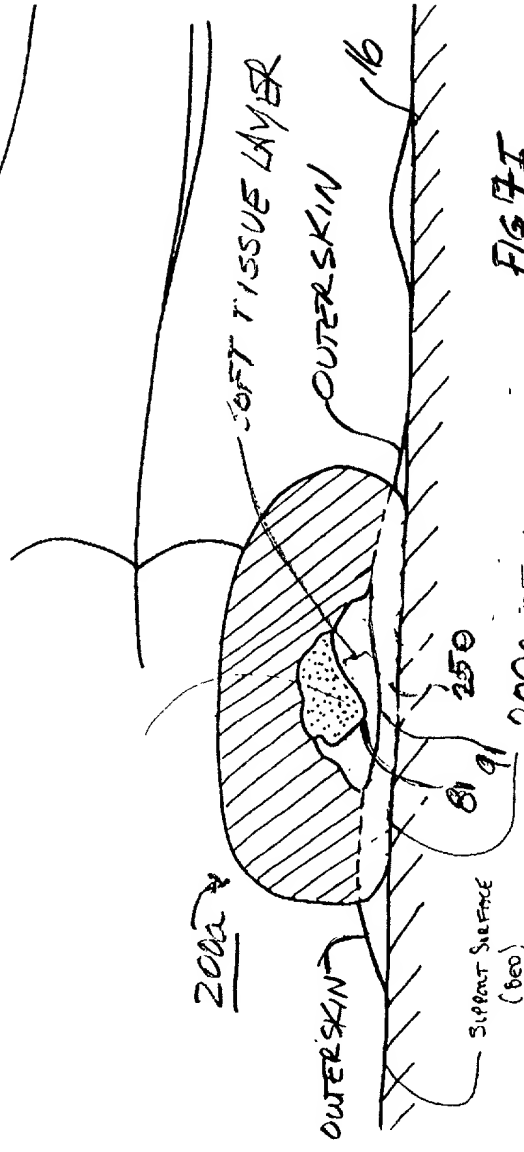
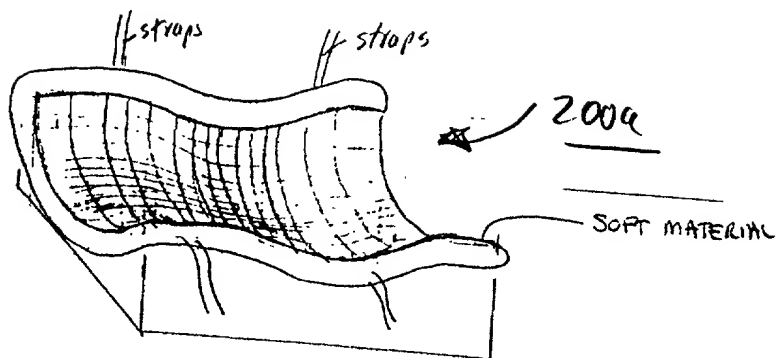


FIG. 7I

200a SOFT TISSUE LAYER  
PROSTHESIS

TECHNICAL  
SOFT PROSTHESIS

EG/HIP  
AXIS



CONTOURED TO PATIENT'S HIP

FIG. 7L

TROCHANTER  
SOFT PROSTHESIS

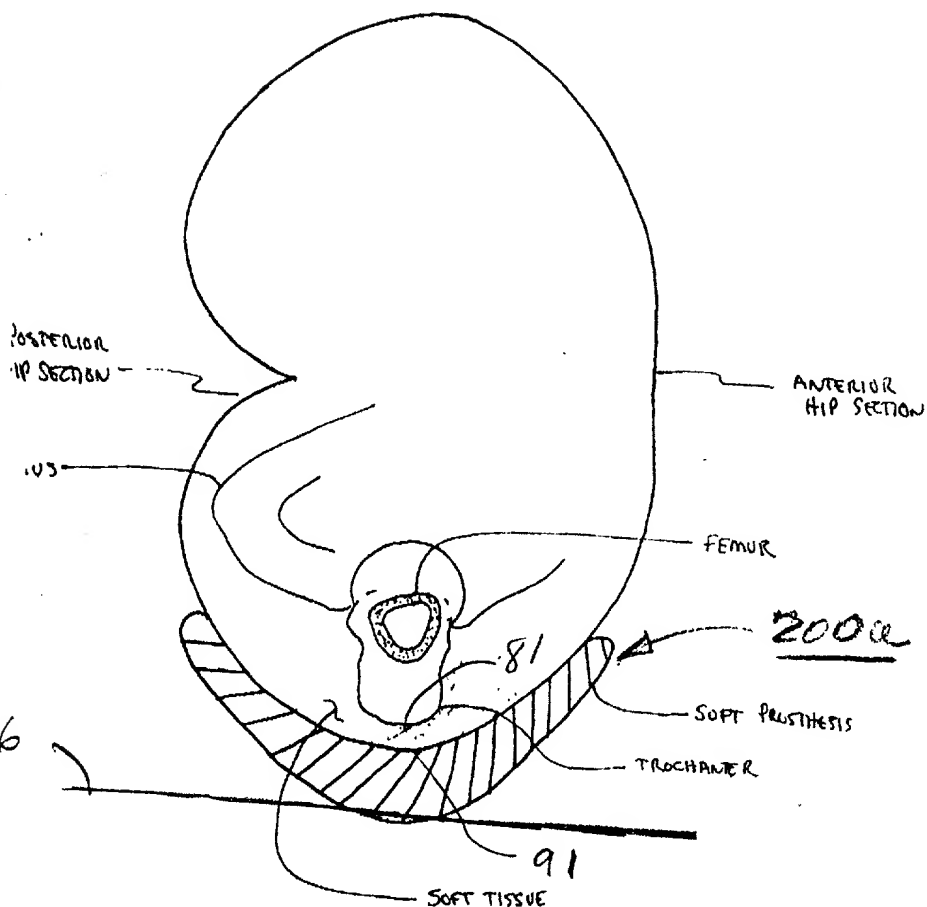
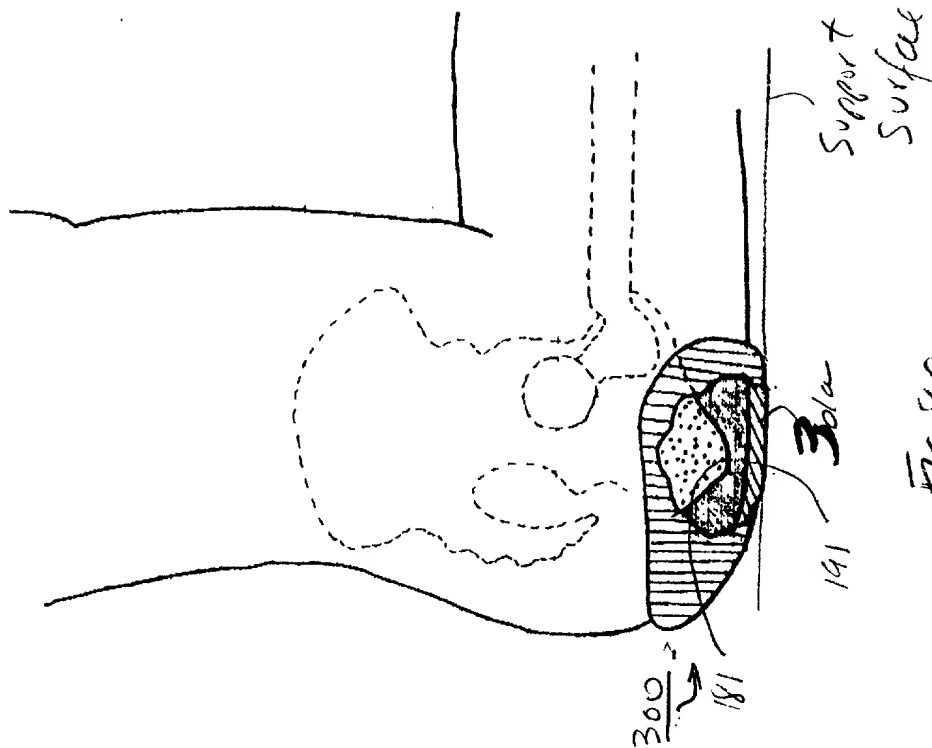
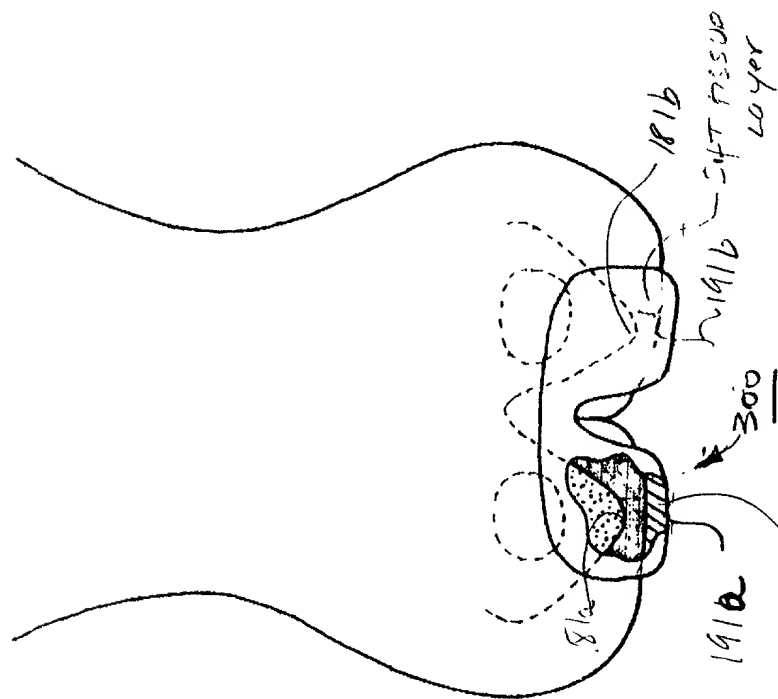


FIG. 7M



If it is found that the shape of the prosthetic device is not suitable for the patient, the shape of the prosthetic device may be modified. The shape of the prosthetic device may be modified by changing the shape of the prosthetic device. The shape of the prosthetic device may be modified by changing the shape of the prosthetic device.

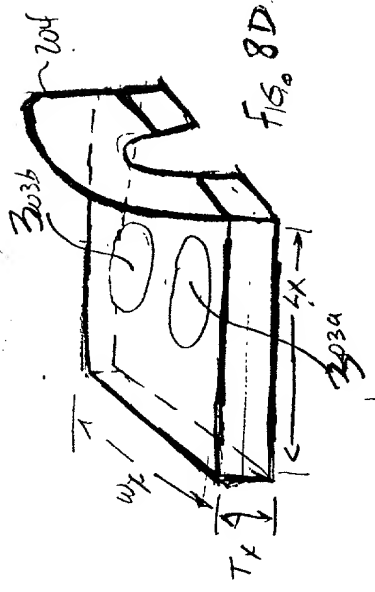


FIG. 8D

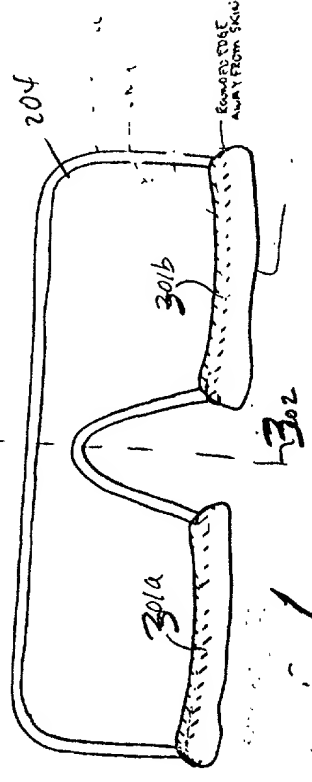


FIG. 8C

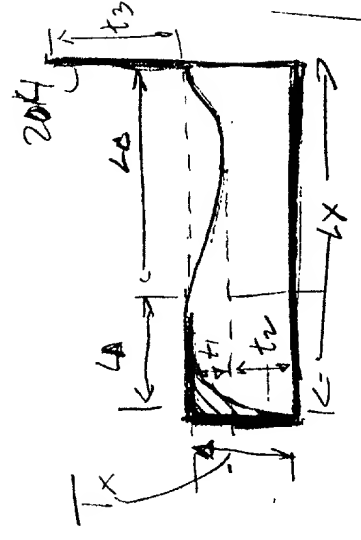


FIG. 8E

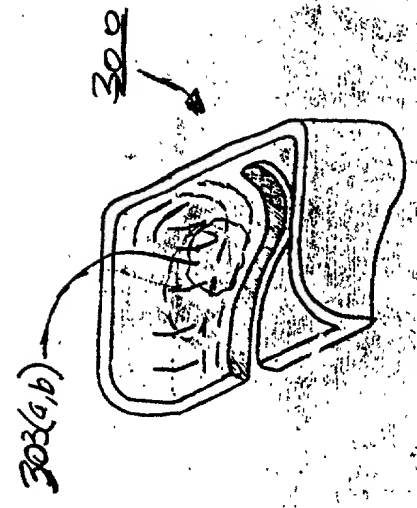


FIG. 8F

FIG. 9A is a schematic diagram of a prosthetic device 400 in a right lateral view. The device 400 is shown in a cross-sectional view, illustrating its internal structure and components. The device 400 is positioned within a body cavity, adjacent to the rectum 181 and the sigmoid colon 191. The device 400 is shown in a cross-sectional view, illustrating its internal structure and components. The device 400 is positioned within a body cavity, adjacent to the rectum 181 and the sigmoid colon 191.

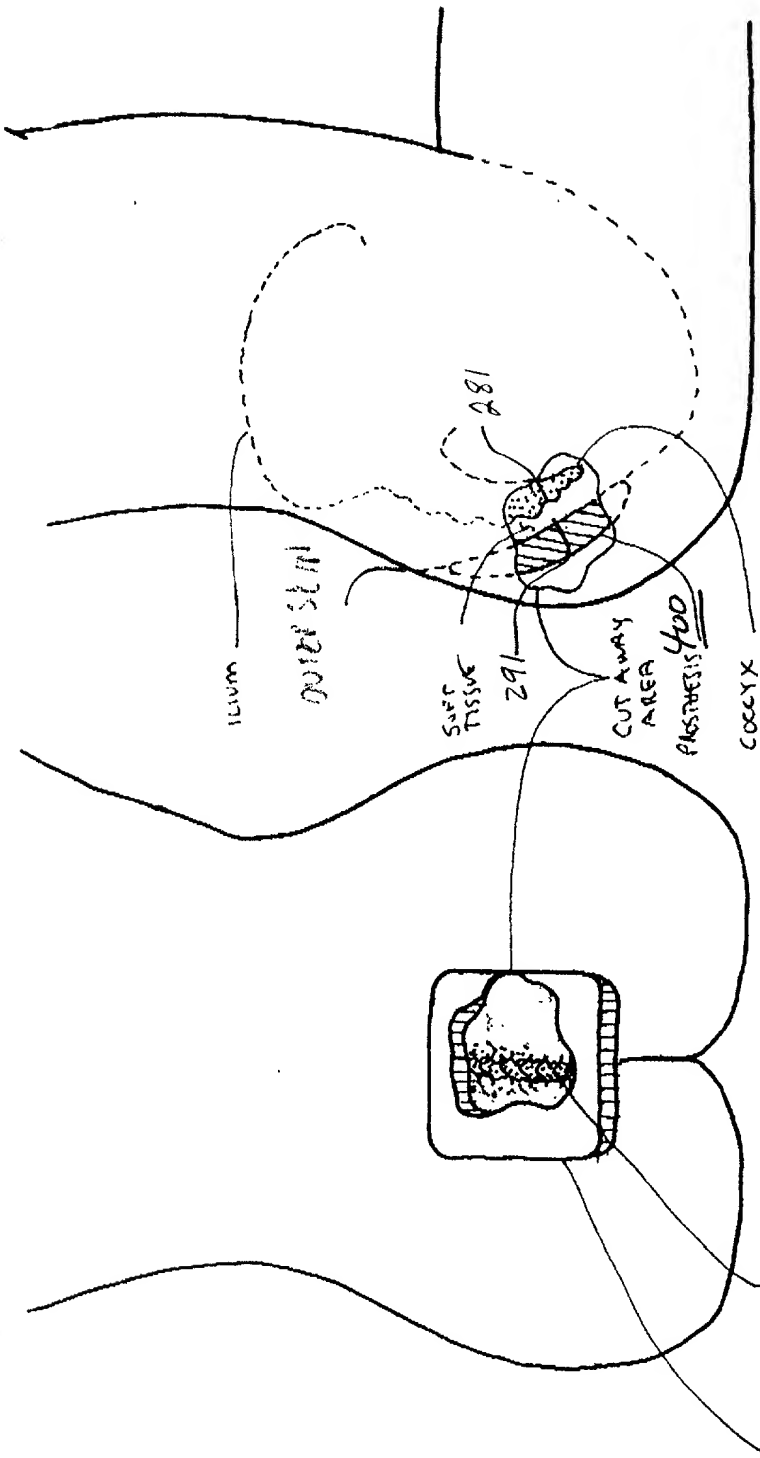


FIG 9A  
RIGHT LATERAL VIEW

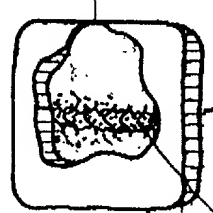


FIG 9B  
POSTERIOR VIEW  
(PROXIMAL PERSPECTIVE)

FIG. 9D

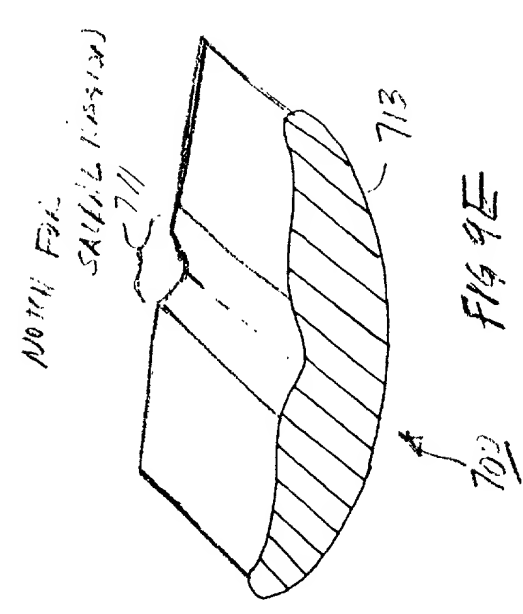
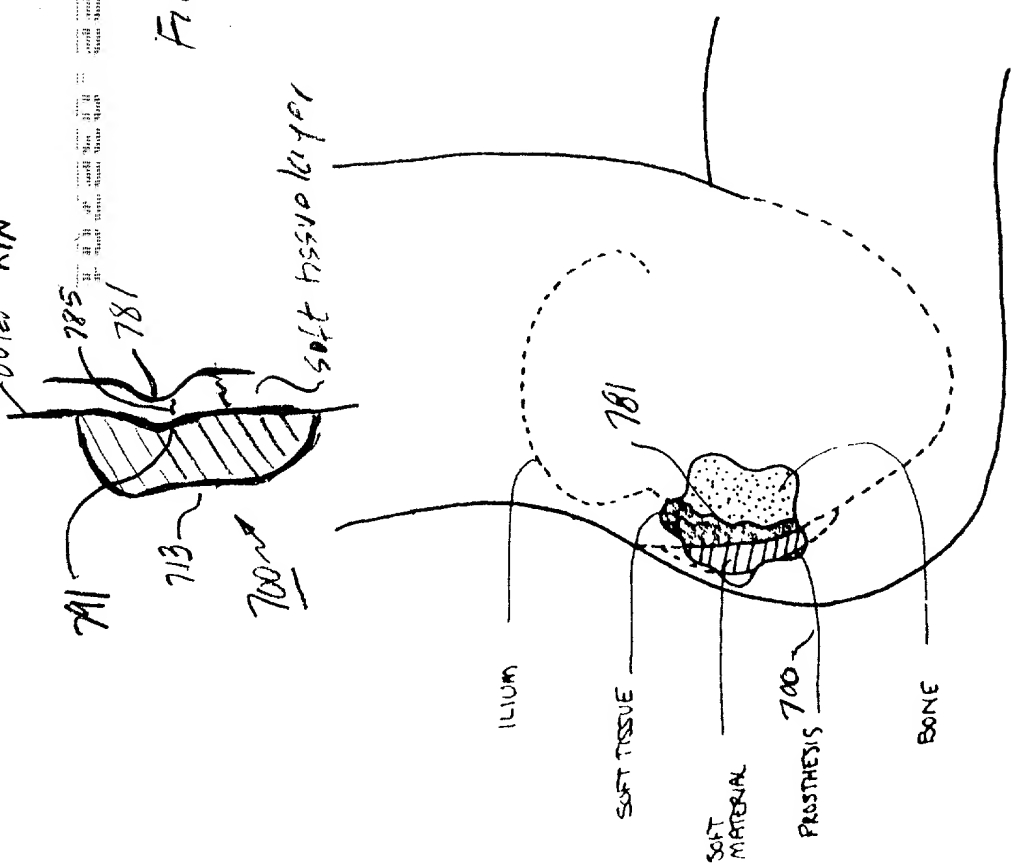


FIG. 9C

SACRUM  
SOFT PROSTHESIS  
CUT AWAY VIEW





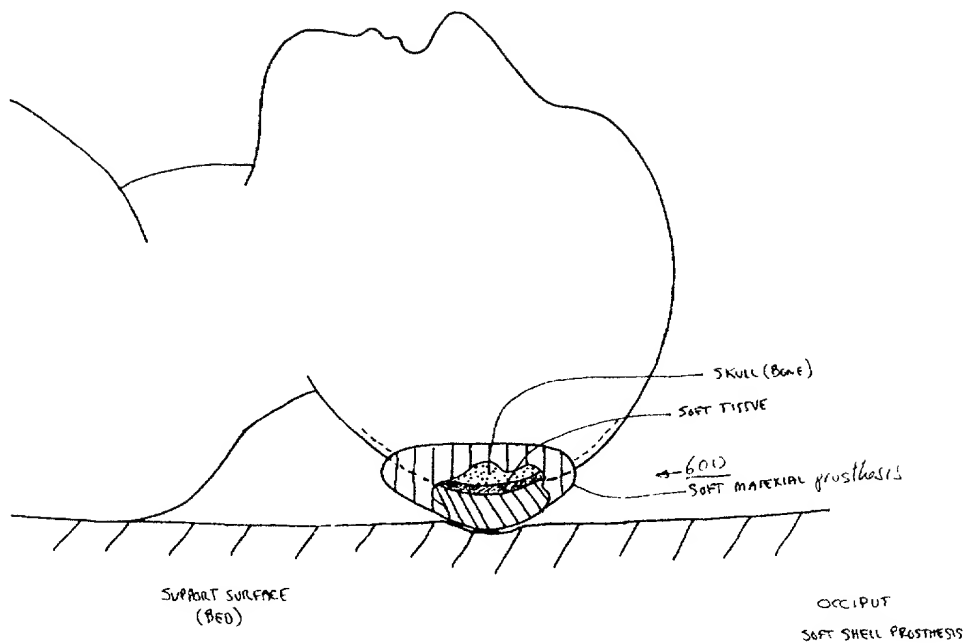


Fig 11

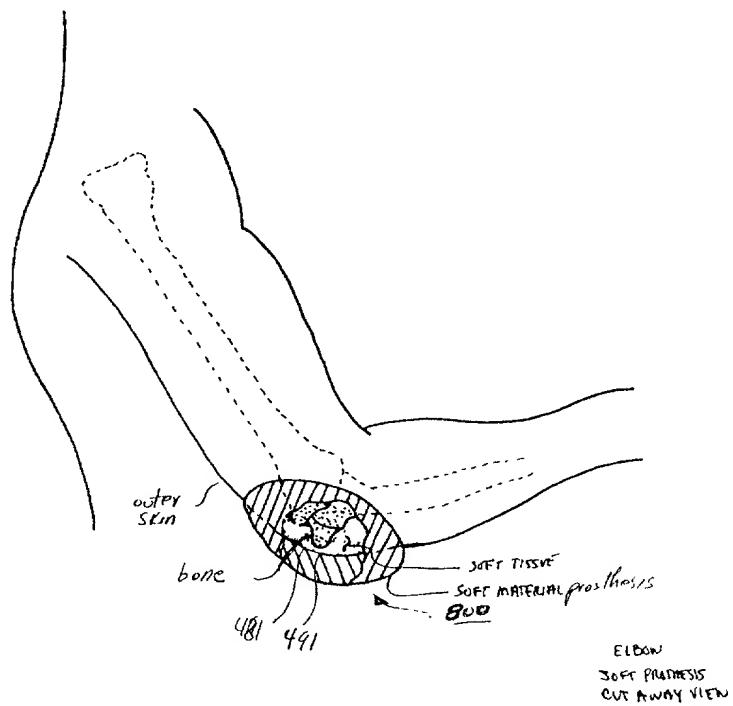


Fig 12

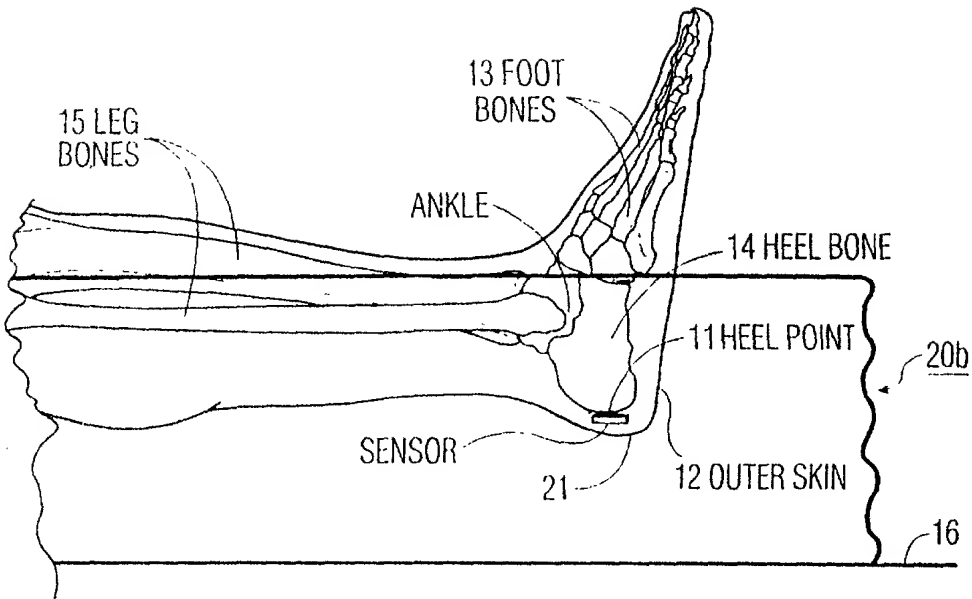


FIG. 13A

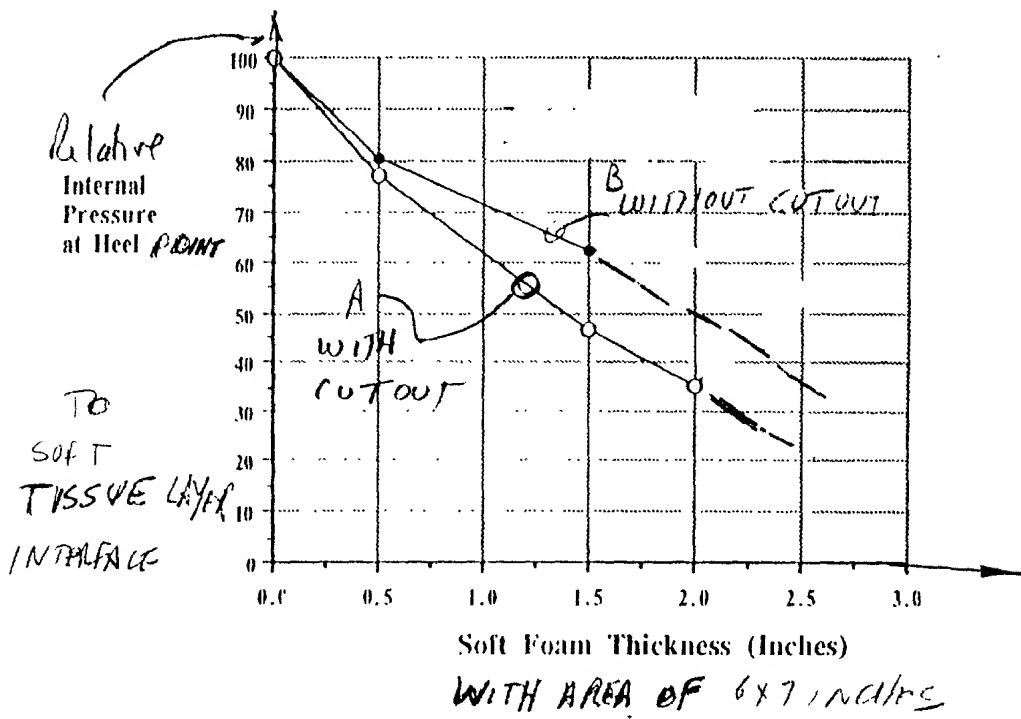


FIG 13B

FIG. 14A

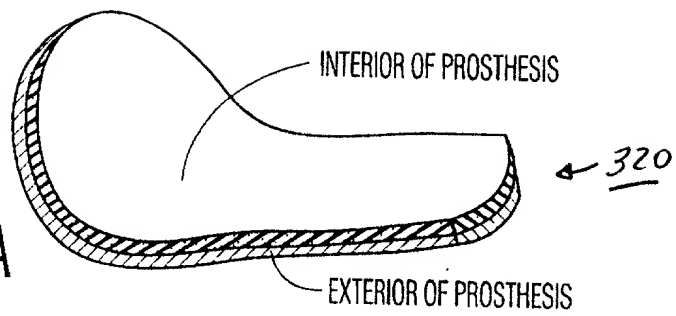


FIG. 14B

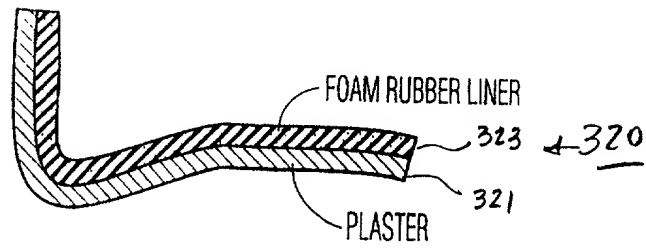


FIG. 14C

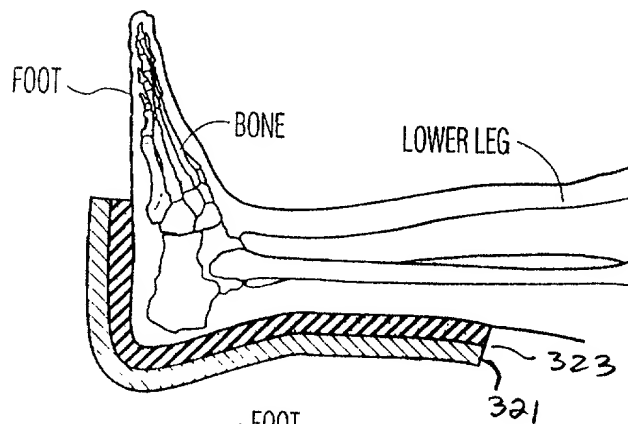
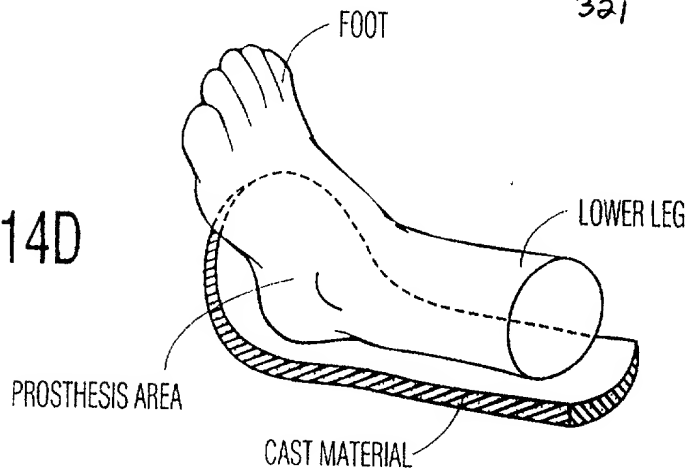


FIG. 14D





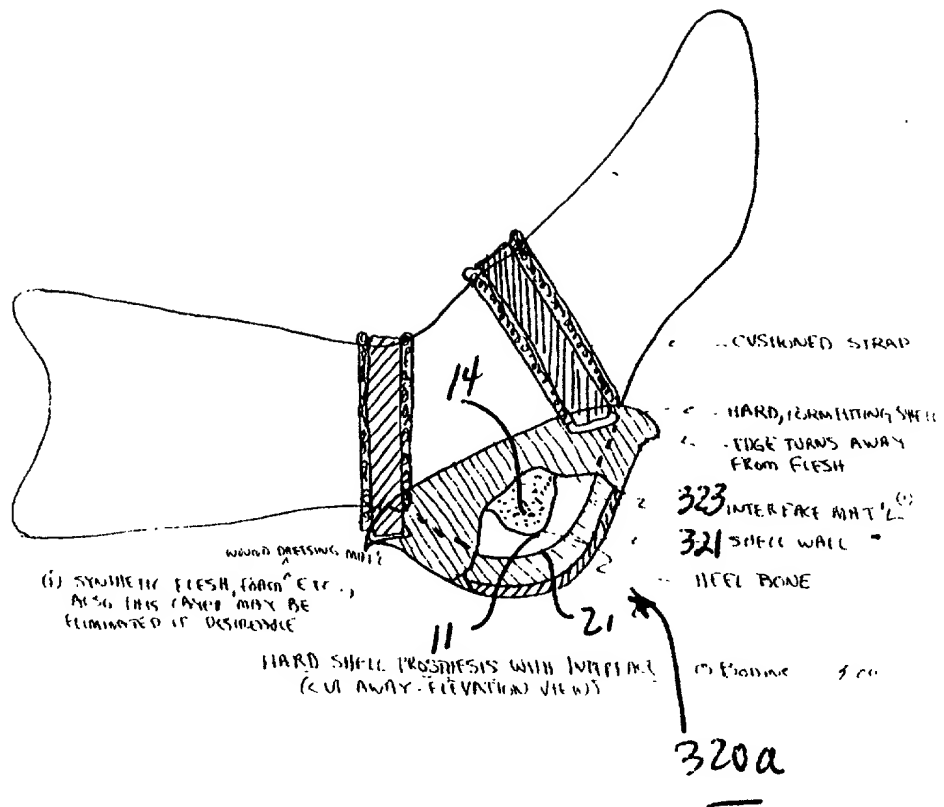


FIG 14E

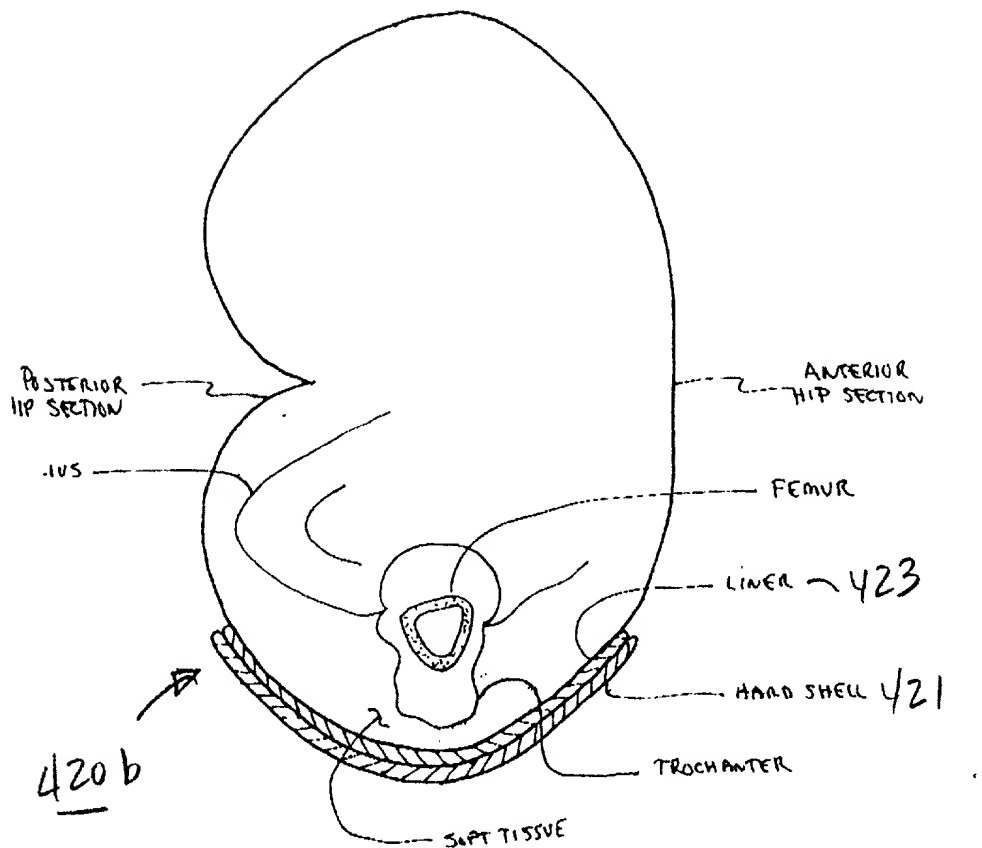


FIG 15C

TROCHANTER  
HARD SHELL PROSTHESIS  
CROSS SECTION AXIAL  
VIEW FROM LEFT

FIG. 15A is a cross-sectional view of a trachea 41 in a human body 40. The trachea 41 is shown in cross-section, and the human body 40 is shown in cross-section. The trachea 41 is shown in cross-section, and the human body 40 is shown in cross-section.

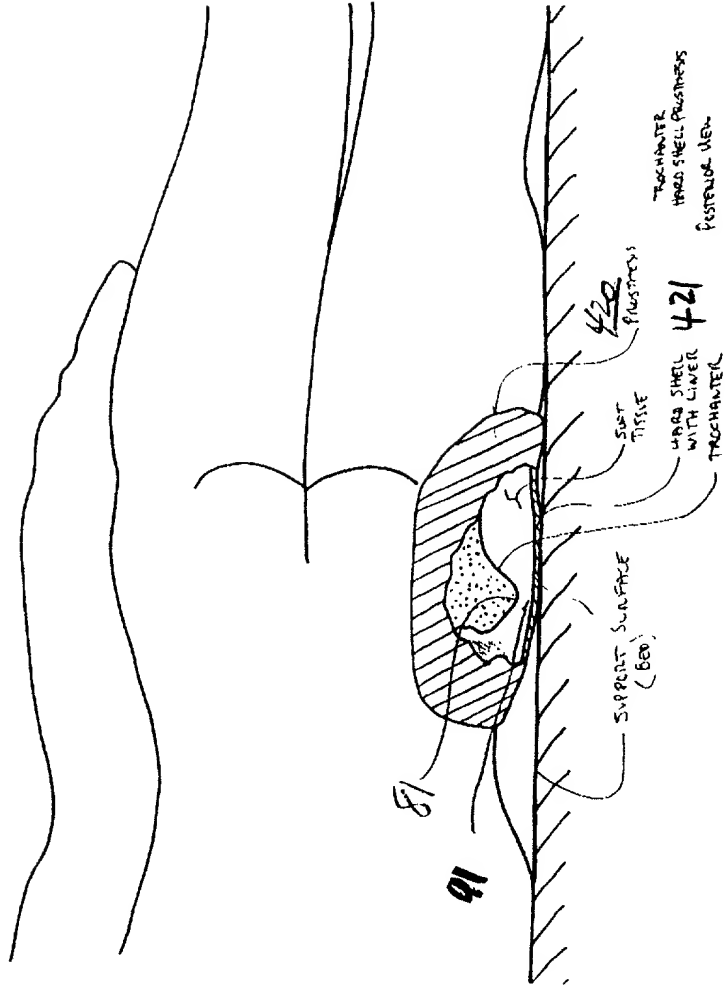


FIG 15A

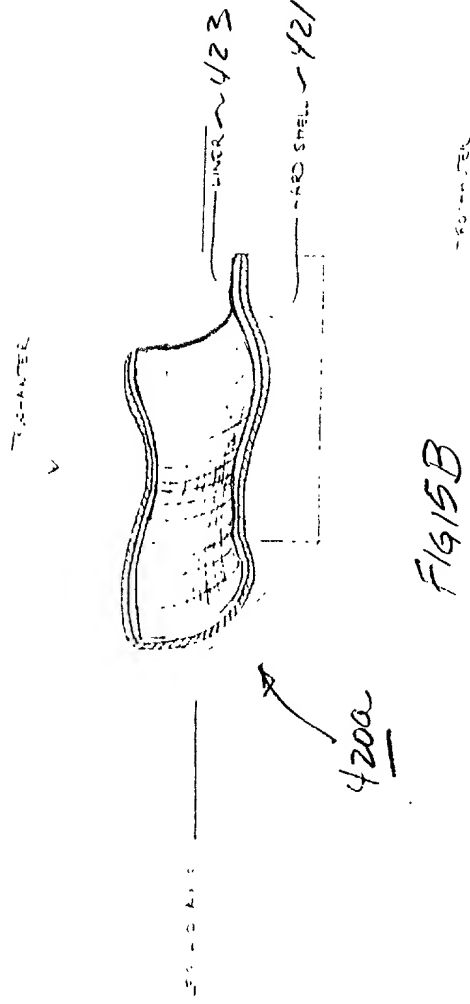


FIG. 15B

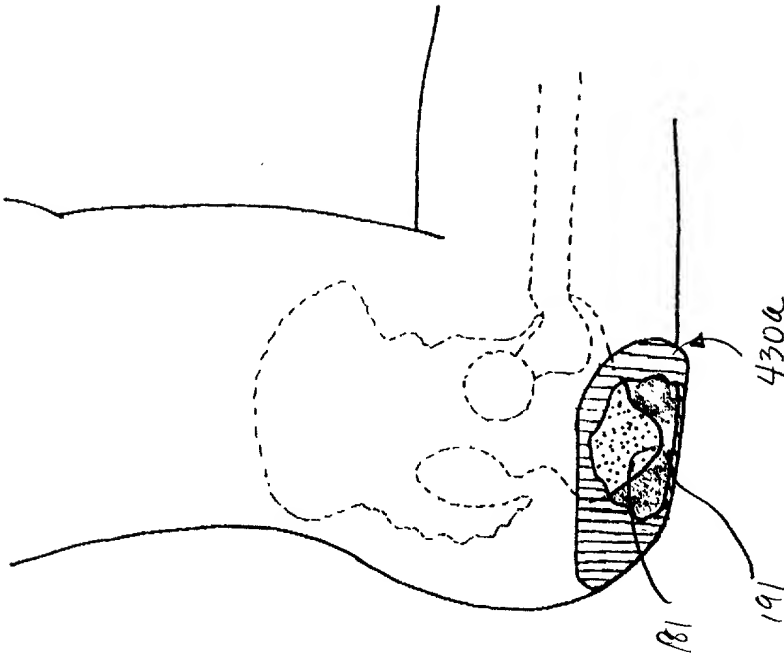


FIG 16B

ISCHIUM  
 HARD PROSTHESIS  
 WITH LINER

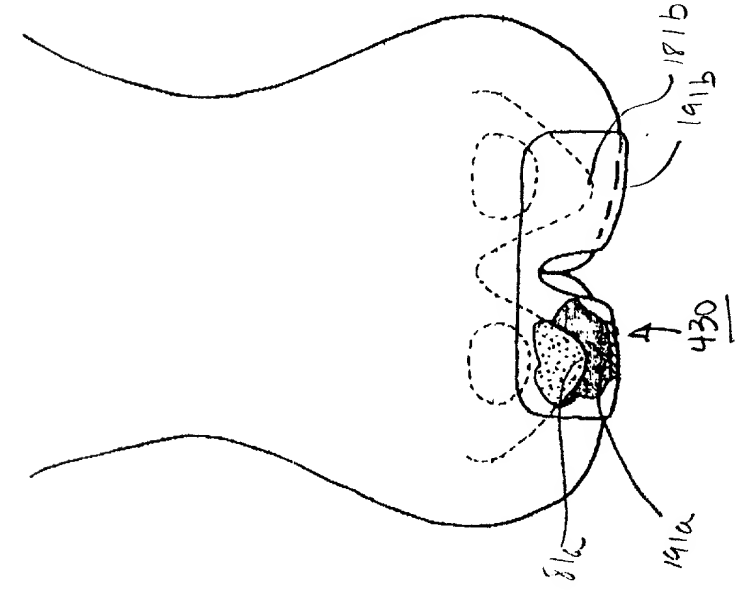


FIG 16A



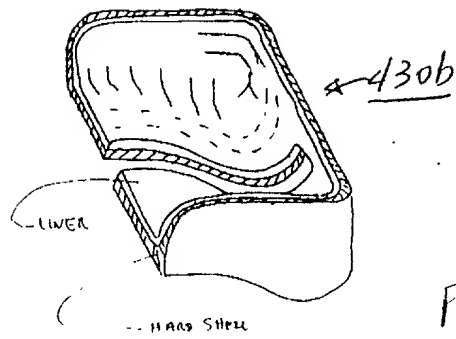


FIG 16C

ISCHIAL  
HARD SHELL PROSTHESIS

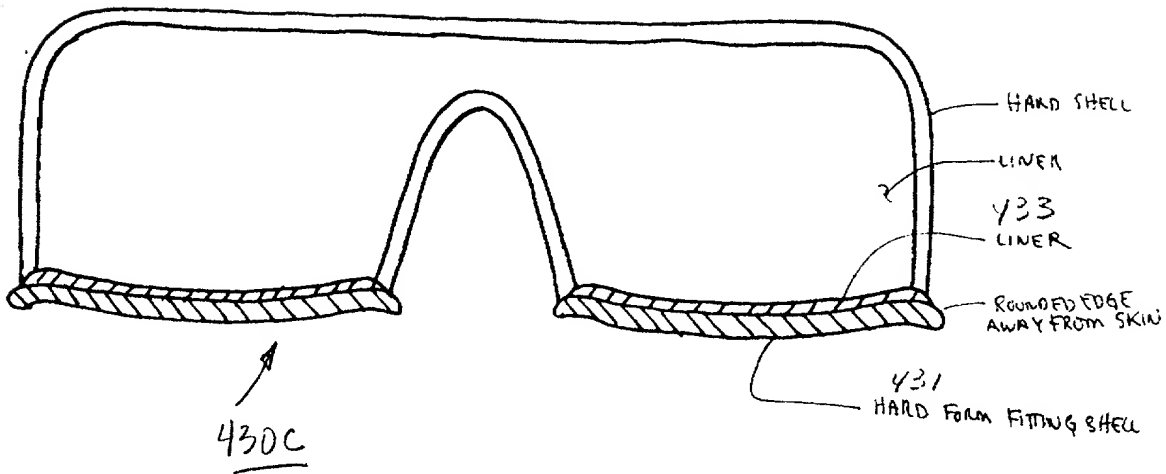


FIG 16D

PROSTHESIS DETAIL  
ISCHIAL O.B. 3.18.00  
HARD SHELL PROSTHESIS  
WITH LINER  
ANTERIOR VIEW

FIG. 17A is a schematic diagram of a hard shell prosthesis with a liner, showing the prosthesis in a seated position. The prosthesis is shown in a cross-sectional view, with the liner and the shell. The liner is shown as a dashed line, and the shell is shown as a solid line. The prosthesis is shown in a seated position, with the liner and the shell. The liner is shown as a dashed line, and the shell is shown as a solid line. The prosthesis is shown in a seated position, with the liner and the shell. The liner is shown as a dashed line, and the shell is shown as a solid line.

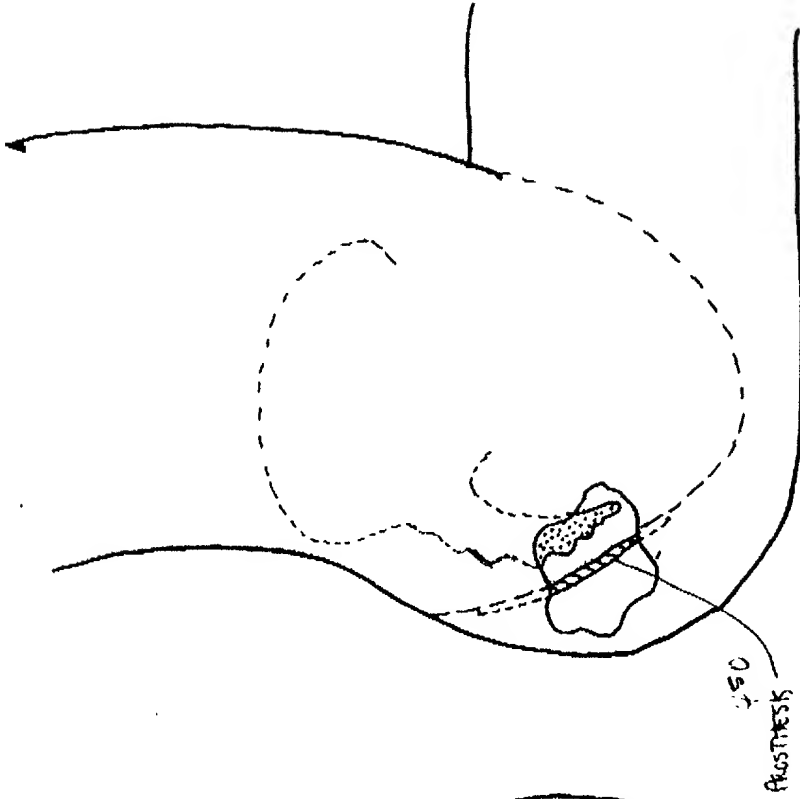


FIG. 17A

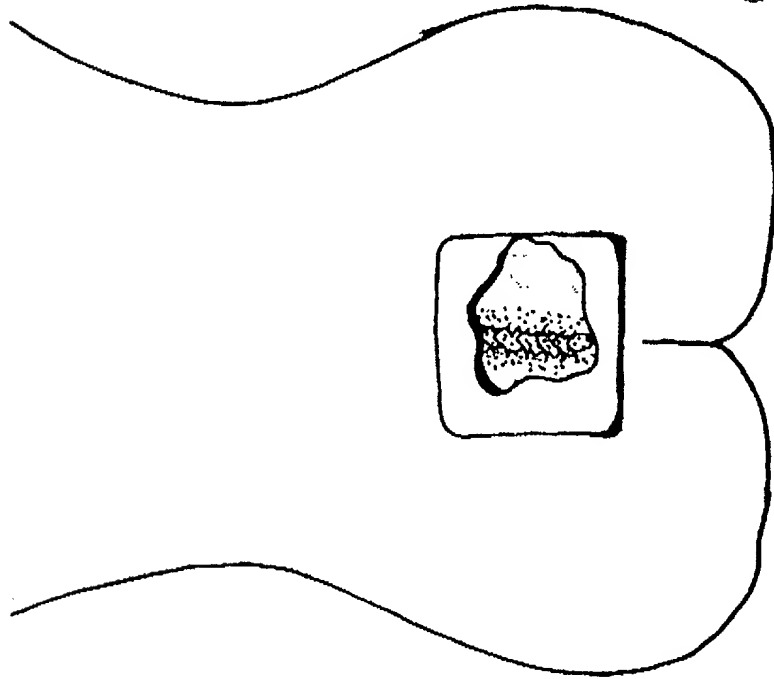


FIG. 17B

COCCYX

HARD SHELL PROSTHESIS  
WITH LINER

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

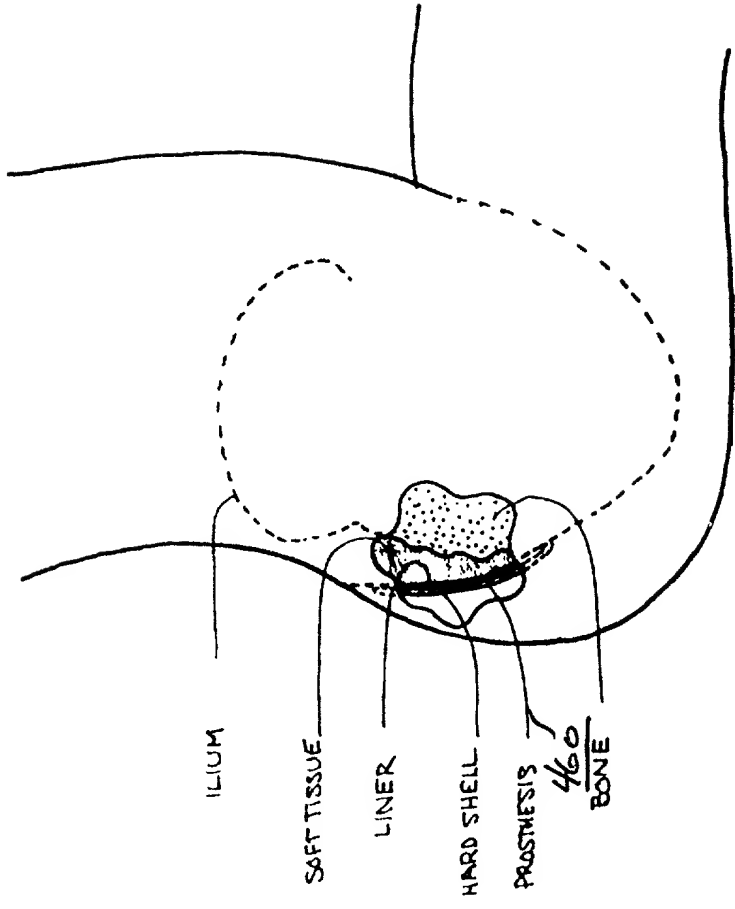


FIG 17C

SACRUM  
 HARD SHELL PROSTHESIS  
 WITH LINER  
 CUT AWAY VIEW

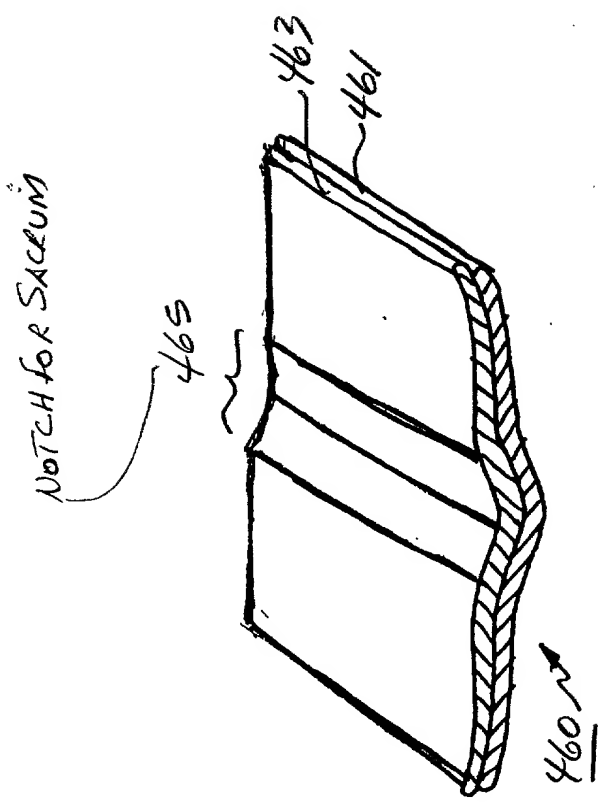


FIG 17D

FIG. 18A

FIG. 18B

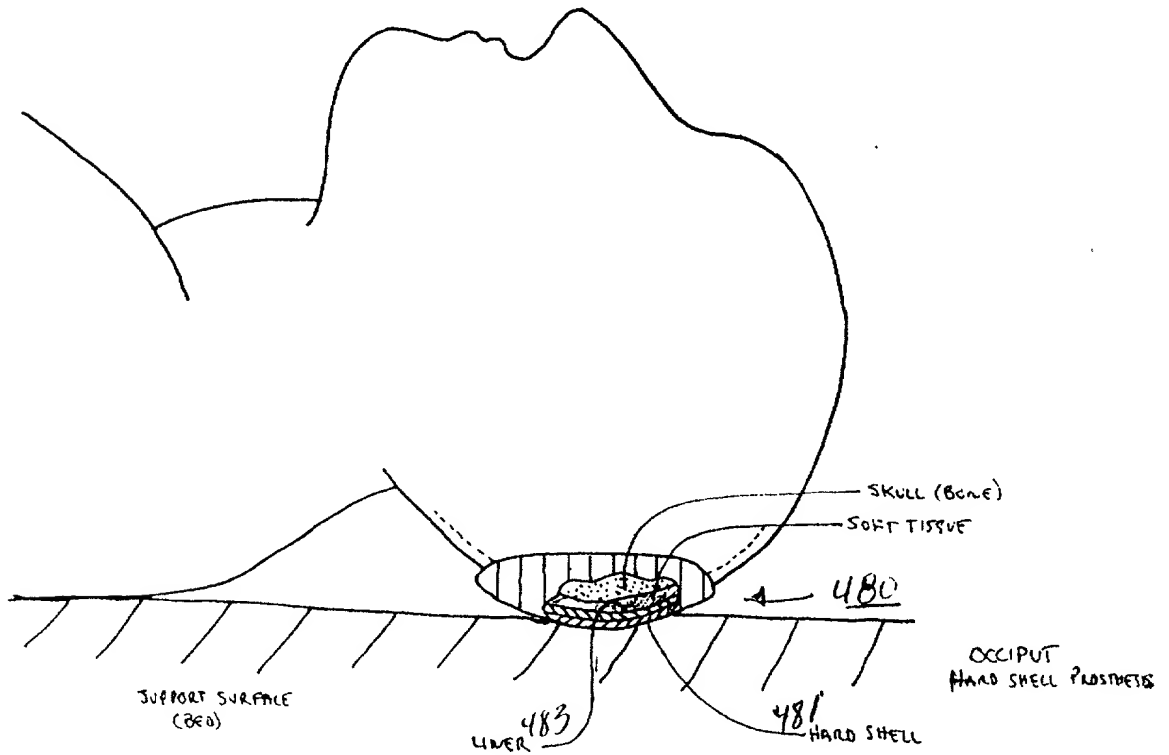
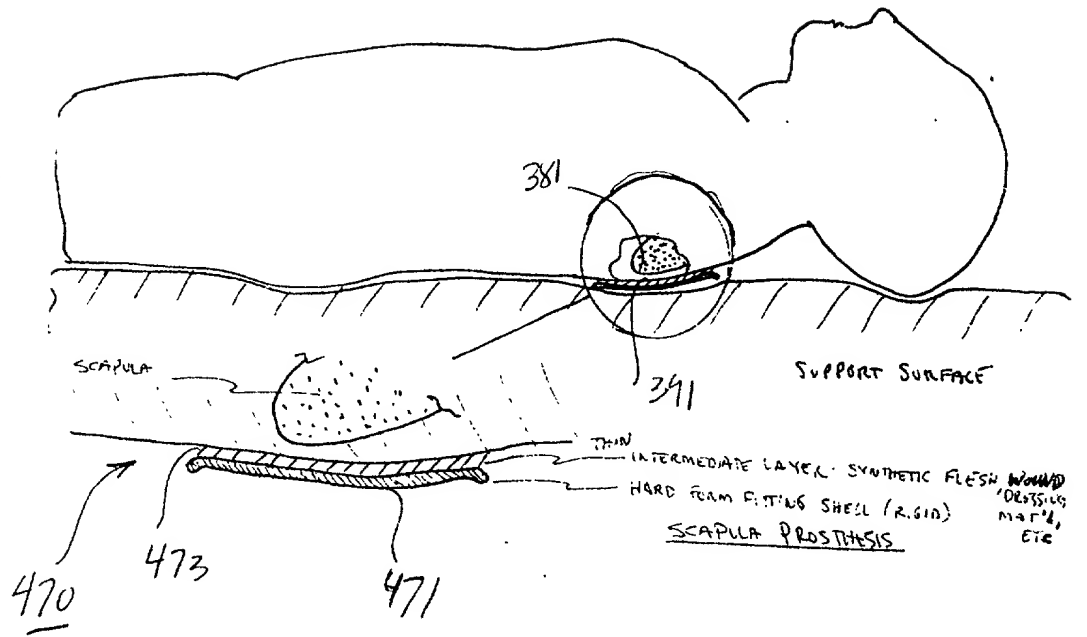


FIG. 19

FIG. 11 is a side view of the elbow joint showing the hard shell prosthesis 541 and the liner 513. The hard shell prosthesis 541 is shown in cross-section, revealing the internal structure of the liner 513. The elbow joint is shown in a flexed position, with the humerus and ulna bones visible. The hard shell prosthesis 541 is positioned between the bones, and the liner 513 is shown as a layer within the prosthesis. The diagram illustrates the relationship between the hard shell prosthesis 541, the liner 513, and the surrounding bone structure.

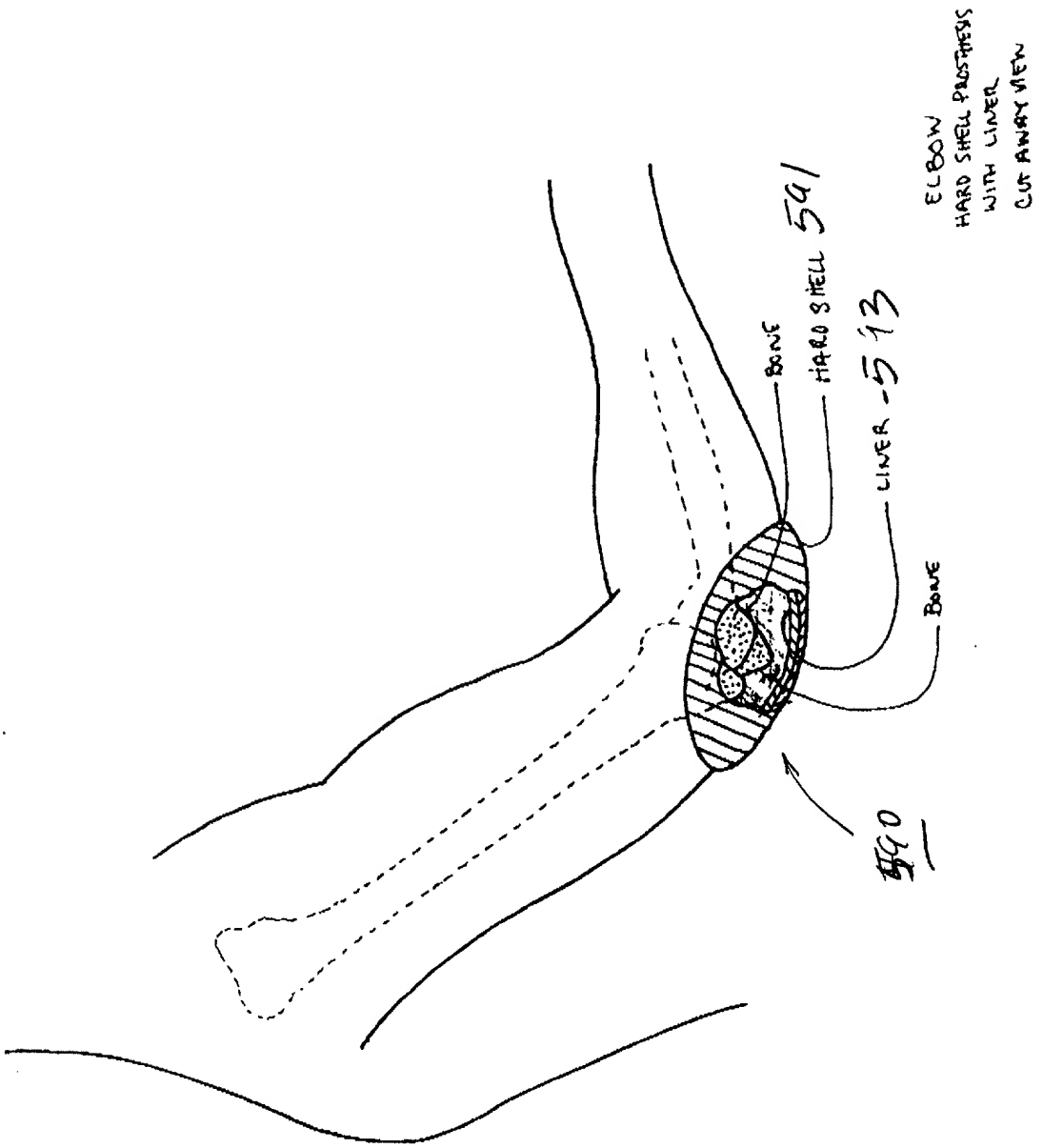


FIG 20

prostheses composed of materials that undergo changes during use - 1

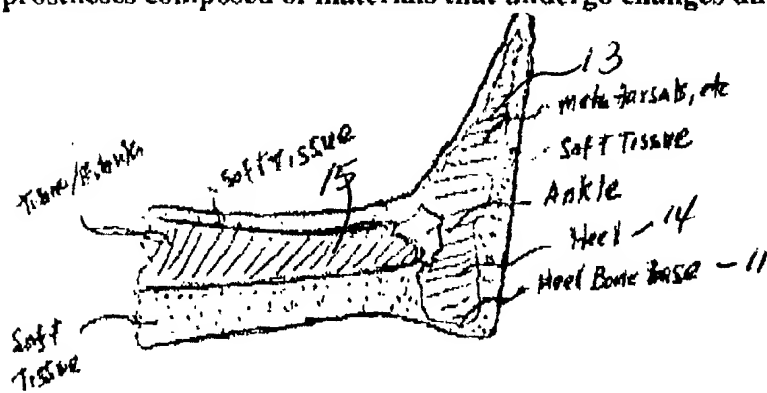


FIG. 21A  
NO PROSTHESIS

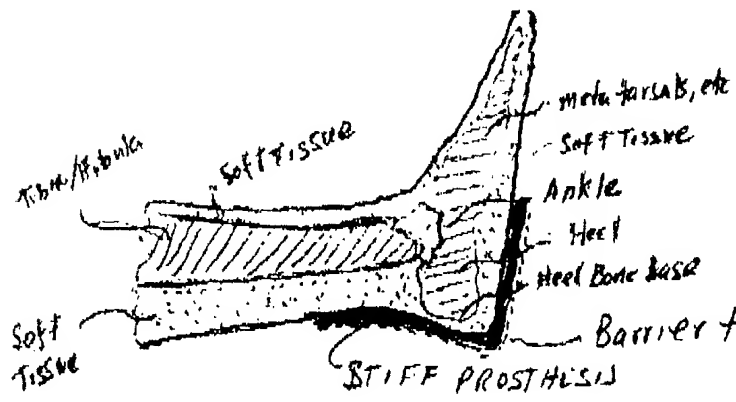
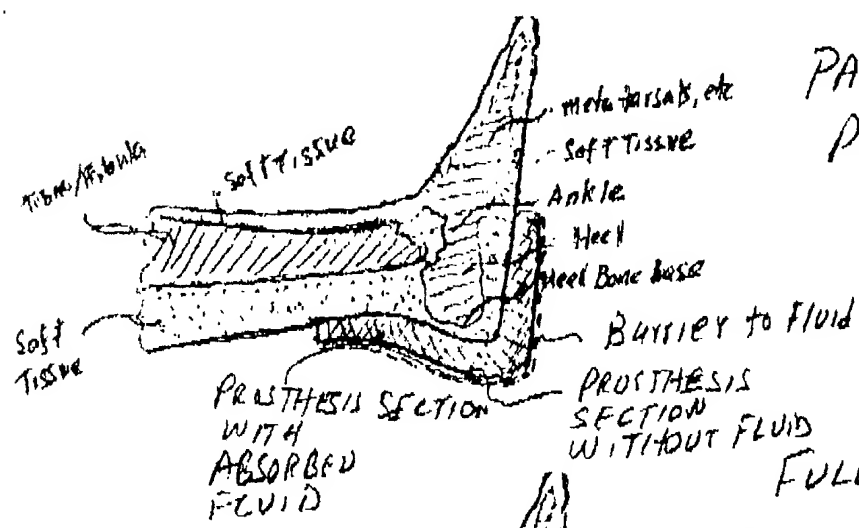
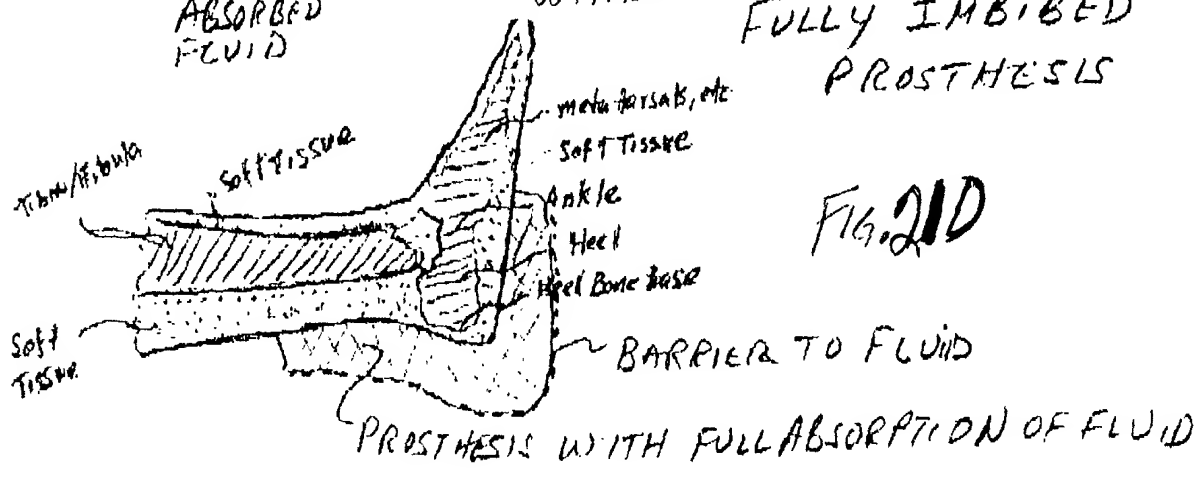


FIG. 21B  
STIFF PROSTHESIS  
BEFORE  
ABSORBING ANY FLUID  
MOISTURE



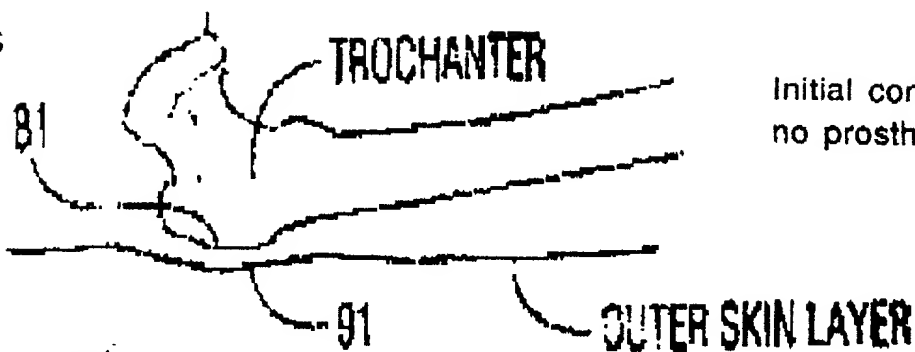
PARTIALLY IMBIBED  
PROSTHESIS  
FIG. 21C



FULLY IMBIBED  
PROSTHESIS

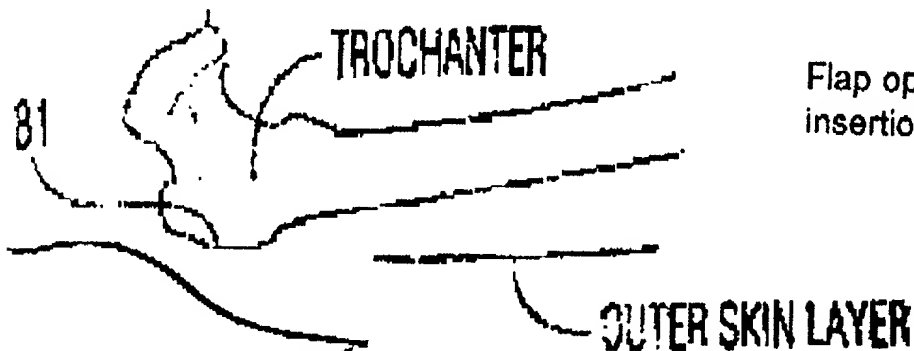
FIG. 21D

INTERNAL  
PROSTHESIS



Initial condition  
no prosthesis

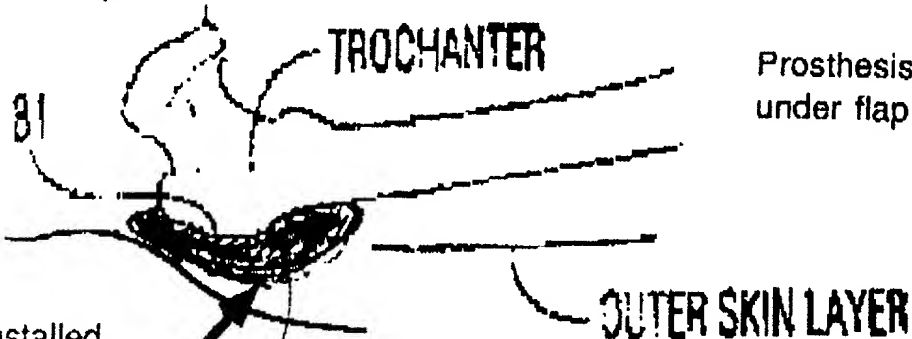
FIGURE 22A



Flap opened for  
insertion of prosthesis

FIG 22B

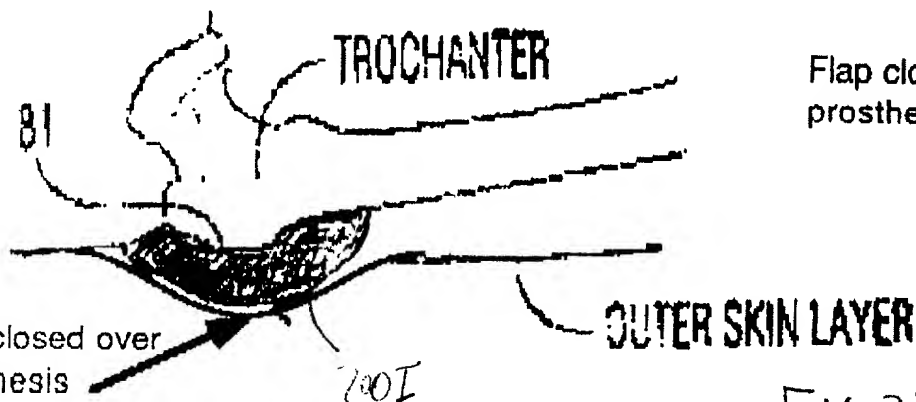
Skin flap created by cutting  
and retracting skin layer



Prosthesis inserted  
under flap

Prosthesis installed  
between skin and  
subcutaneous layers

FIG 22C



Flap closed around  
prosthesis

Flap closed over  
prosthesis

FIG 22D

# Amputee (Above the Knee -AK)

Soft Prosthesis

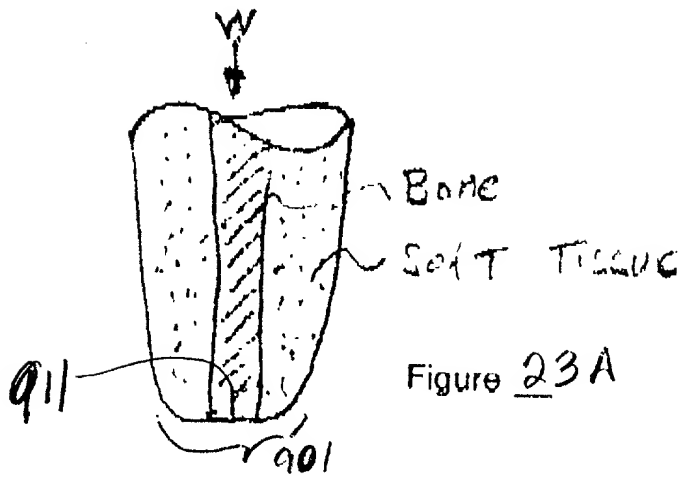


Figure 23A

Hard Prosthesis

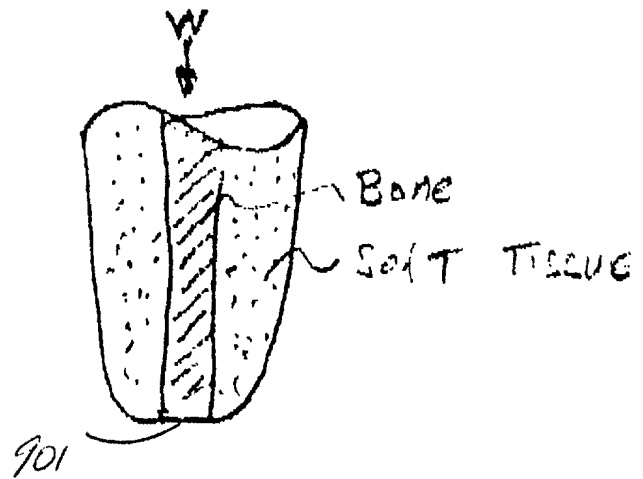
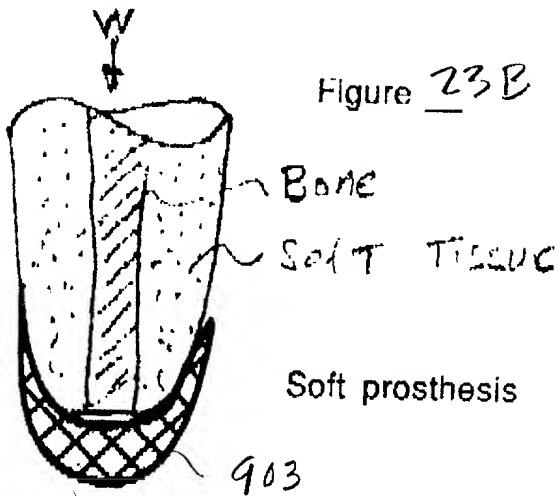


Figure 23B



Soft prosthesis

903

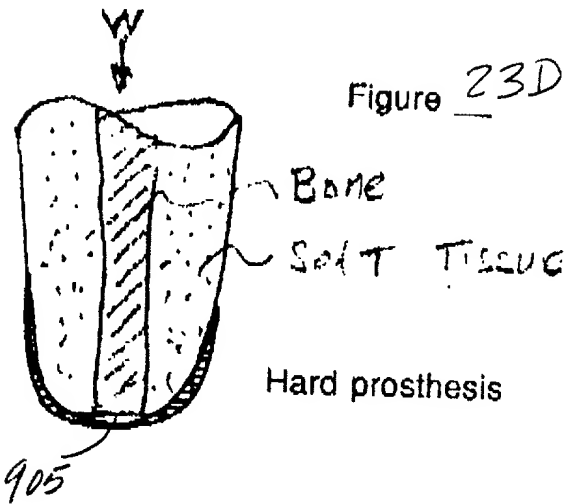


Figure 23D

Hard prosthesis

905

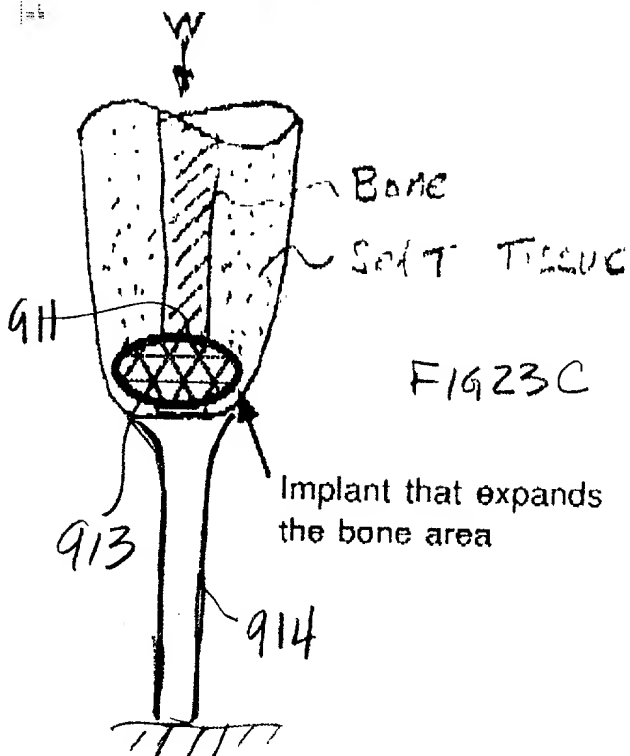


FIG 23C

Implant that expands the bone area

913

914

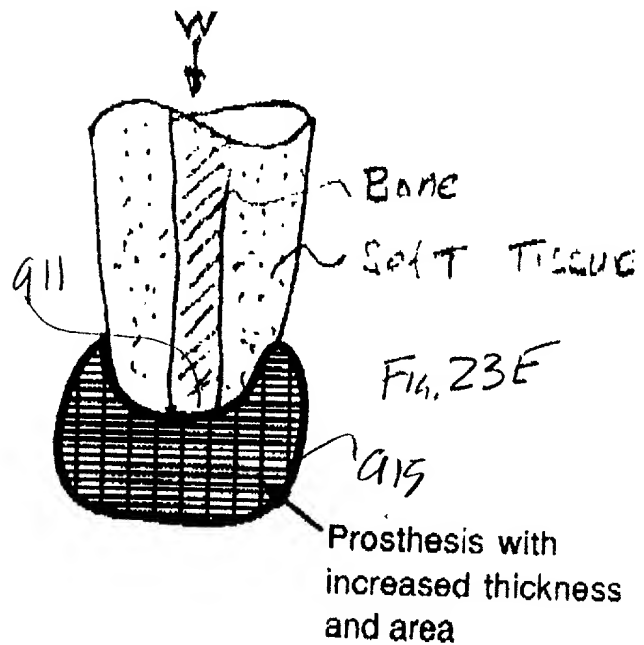


FIG. 23E

Prosthesis with increased thickness and area

915

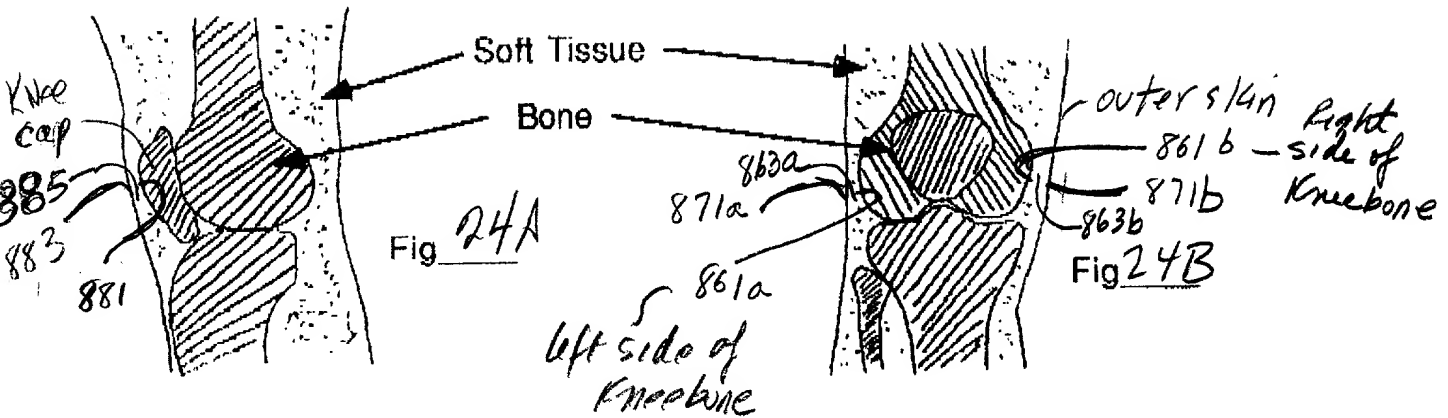


# Knees

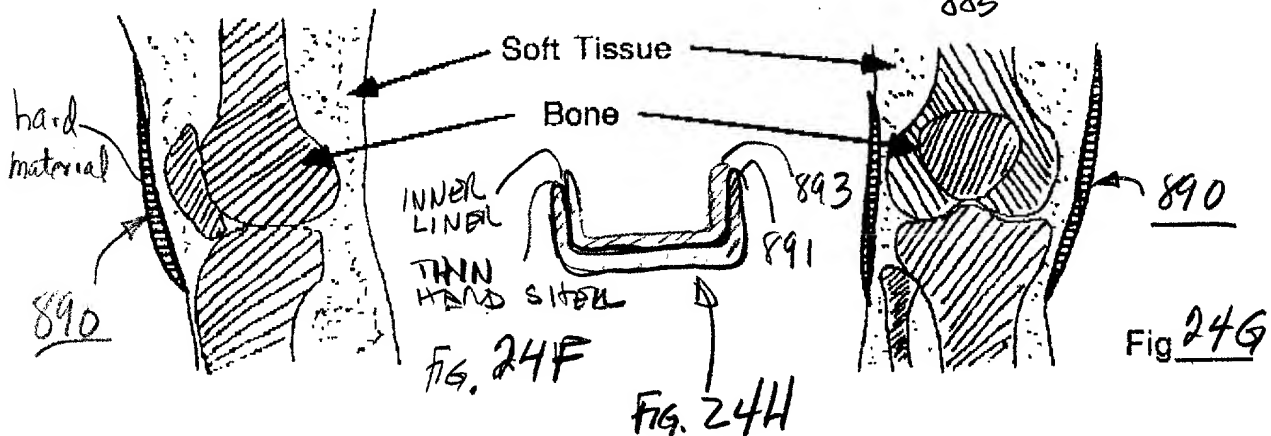
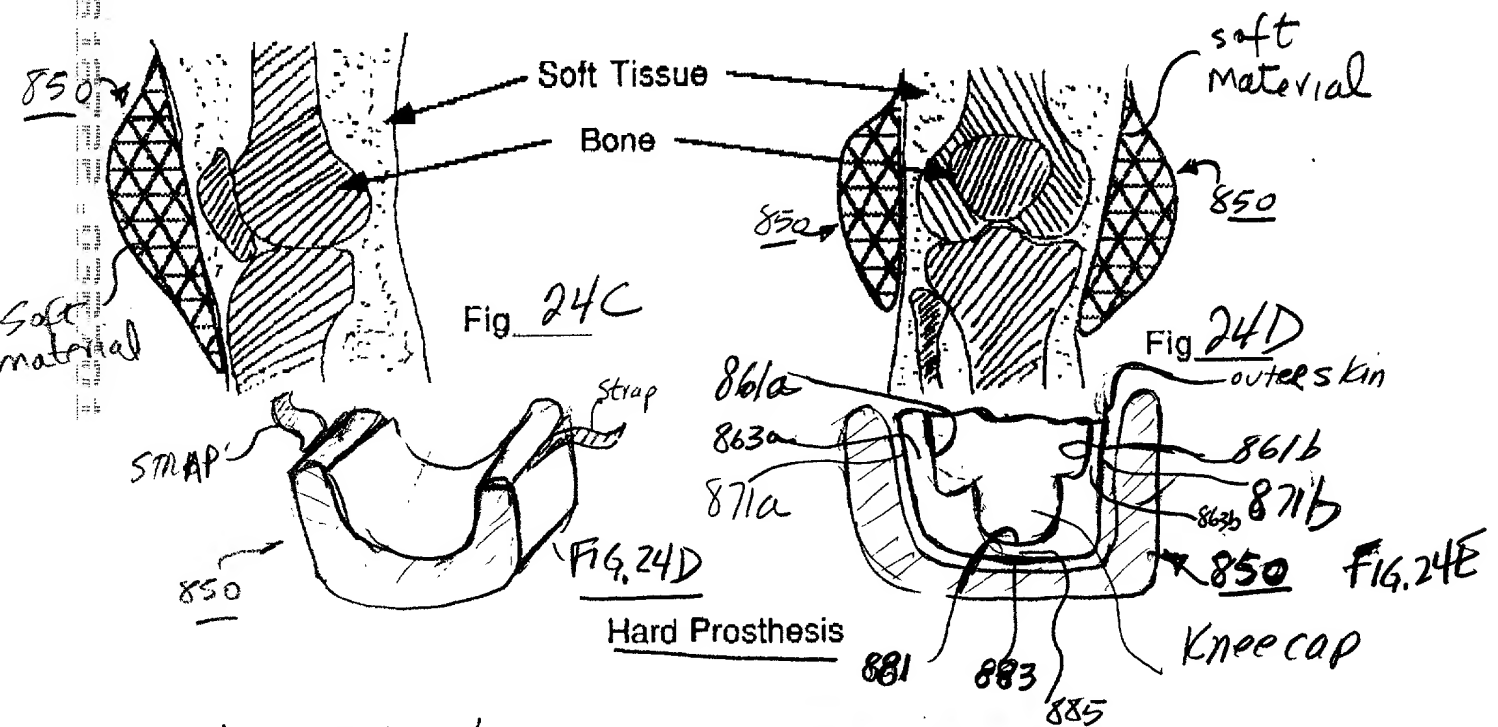
Side Views

Front Views

No Prosthesis



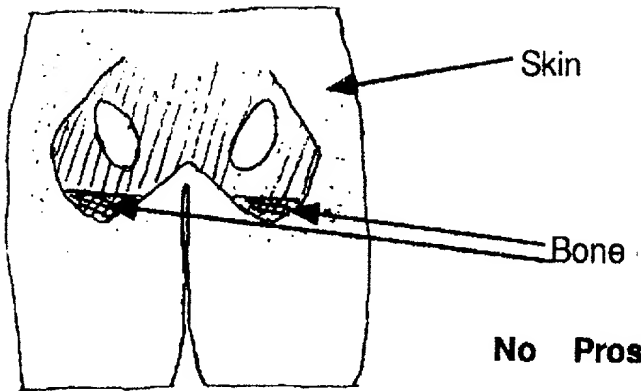
Soft Prosthesis



# BUTTOCKS

Rear view:

Side view:



No Prosthesis

FIG 25A

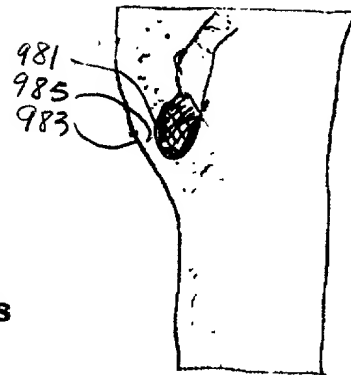


FIG 25B

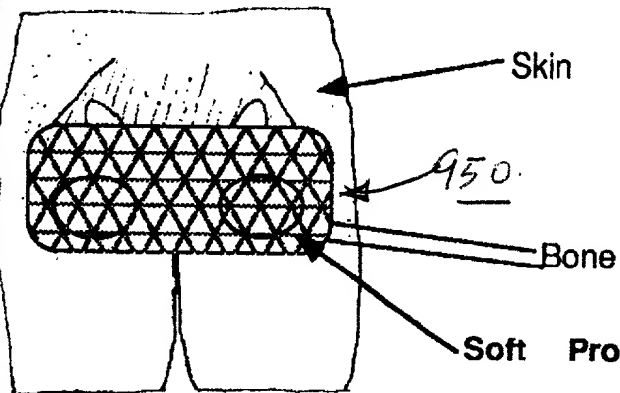


FIG 25C

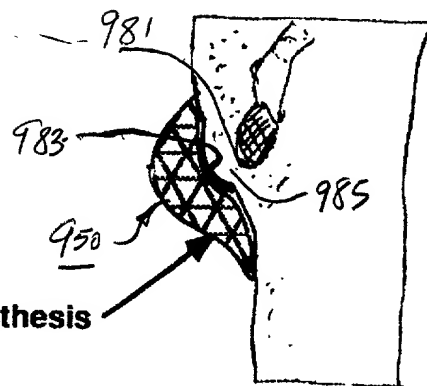


FIG 25D

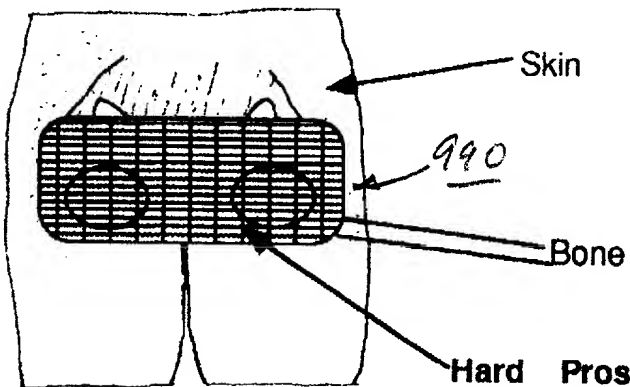


FIG. 25E

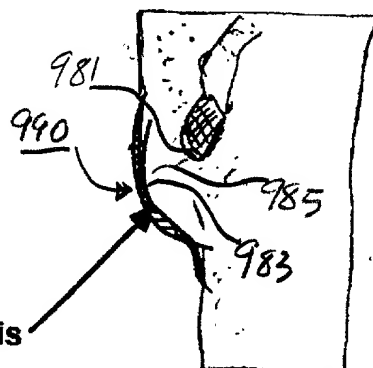


FIG. 25F

Critical Pressure vs. Exposure Time

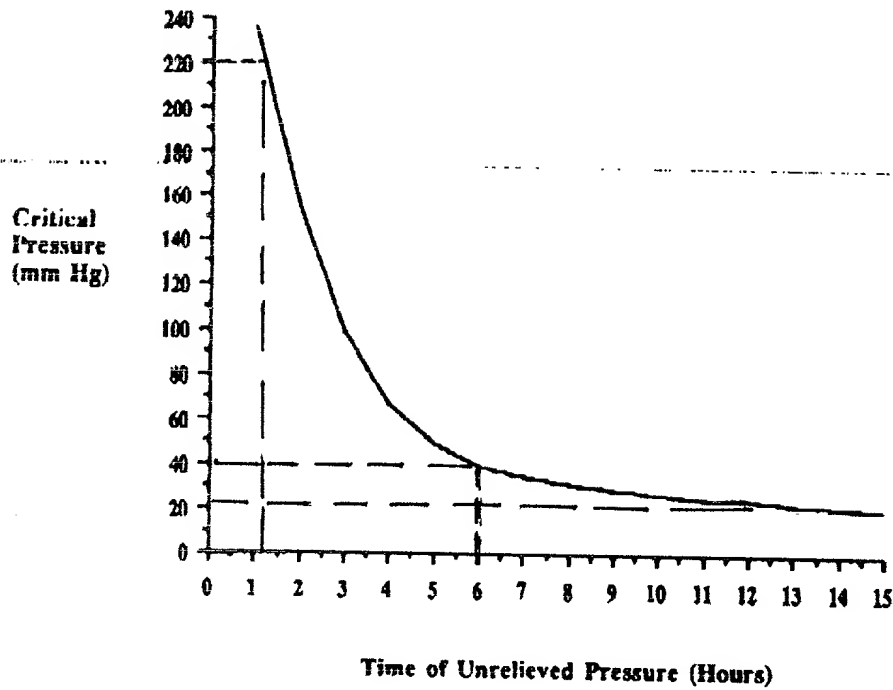


FIG. 26